

Designer/2000

Report : TABLE DEFINITION
Filename : table_definition_c2soc3.pdf
Run by : DESIGNER_USER
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Parameter Values

Application System : CHART2-R1B3
Version : 1
Tab/View/Snap Name : %
Diagram :

Includes
Tables : Yes
Views : Yes
Snapshots : Yes
Column Details : Yes

Tables Created

On/After :
and On/Before : 10-JAN-02

Tables Changed

On/After :
On/Before : 10-JAN-02

Snapshot Name : SNAP_CH2_DICTIONARY Alias :

Object Type:

Comment : The snapshot name is actually CH2_DICTIONARY, not SNAP_CH2_DICTIONARY. The replicated snapshot is located in the AOC database and is based on the CH2_DICTIONARY table in the SOC database. For table definition information, see CH2_DICTIONARY table.

Description : The snapshot name is actually CH2_DICTIONARY, not SNAP_CH2_DICTIONARY. The replicated snapshot is located in the AOC database and is based on the CH2_DICTIONARY table in the SOC database. For table definition information, see CH2_DICTIONARY table.

Snapshot Name : SNAP_COMMUNICATIONS_LOG Alias :

Object Type:

Comment : The snapshot name is actually COMMUNICATIONS_LOG, not SNAP_COMMUNICATIONS_LOG. The replicated snapshot is located in the AOC database and is based on the COMMUNICATIONS_LOG table in the SOC database. For table definition information, see COMMUNICATIONS_LOG table.

Description : The snapshot name is actually COMMUNICATIONS_LOG, not SNAP_COMMUNICATIONS_LOG. The replicated snapshot is located in the AOC database and is based on the COMMUNICATIONS_LOG table in the SOC database. For table definition information, see COMMUNICATIONS_LOG table.

Snapshot Name : SNAP_DICTIONARY_WORD Alias :

Object Type:

Comment : The snapshot name is actually DICTIONARY_WORD, not SNAP_DICTIONARY_WORD. The replicated snapshot is located in the AOC database and is based on the DICTIONARY_WORD table in the SOC database. For table definition information, see DICTIONARY_WORD table.

Description : The snapshot name is actually DICTIONARY_WORD, not SNAP_DICTIONARY_WORD. The replicated snapshot is located in the AOC database and is based on the DICTIONARY_WORD table in the SOC database.
For table definition information, see DICTIONARY_WORD table.

Snapshot Name : SNAP_FUNCTIONAL_RIGHT Alias :

Object Type:

Comment : The snapshot name is actually FUNCTIONAL_RIGHT, not SNAP_FUNCTIONAL_RIGHT. The replicated snapshot is located in the AOC database and is based on the FUNCTIONAL_RIGHT table in the SOC database. For table definition information, see FUNCTIONAL_RIGHT table.

Description : The snapshot name is actually FUNCTIONAL_RIGHT, not SNAP_FUNCTIONAL_RIGHT. The replicated snapshot is located in the AOC database and is based on the FUNCTIONAL_RIGHT table in the SOC database.
For table definition information, see FUNCTIONAL_RIGHT table.

Snapshot Name : SNAP_ORGANIZATION Alias :

Object Type:

Comment : The snapshot name is actually ORGANIZATION, not SNAP_ORGANIZATION. The replicated snapshot is located in the AOC database and is based on the ORGANIZATION table in the SOC database. For table definition information, see ORGANIZATION table.

Description : The snapshot name is actually ORGANIZATION, not SNAP_ORGANIZATION. The replicated snapshot is located in the AOC database and is based on the ORGANIZATION table in the SOC database. For table definition information, see ORGANIZATION table.

Snapshot Name : SNAP_PROFILE_PROPERTY Alias :

Object Type:

Comment : The snapshot name is actually PROFILE_PROPERTY, not SNAP_PROFILE_PROPERTY. The replicated snapshot is located in the AOC database and is based on the PROFILE_PROPERTY table in the SOC database. For table definition information, see PROFILE_PROPERTY table.

Description : The snapshot name is actually PROFILE_PROPERTY, not SNAP_PROFILE_PROPERTY. The replicated snapshot is located in the AOC database and is based on the PROFILE_PROPERTY table in the SOC database.
For table definition information, see PROFILE_PROPERTY table.

Snapshot Name : Alias :
SNAP_RESOURCE_CATEGORY_TYPE

Object Type: The snapshot name is actually RESOURCE_CATEGORY_TYPE, not
Comment : SNAP_RESOURCE_CATEGORY_TYPE. The replicated snapshot is located in the
AOC database and is based on the RESOURCE_CATEGORY_TYPE table in the SOC
database. For table definition information, see RESOURCE_CATEGORY_TYPE
table.

Description : The snapshot name is actually RESOURCE_CATEGORY_TYPE, not
SNAP_RESOURCE_CATEGORY_TYPE. The replicated snapshot is located in
the AOC database and is based on the RESOURCE_CATEGORY_TYPE table in
the SOC database.
For table definition information, see RESOURCE_CATEGORY_TYPE table.

Snapshot Name : SNAP_RESOURCE_TYPE Alias :

Object Type:

Comment : The snapshot name is actually RESOURCE_TYPE, not SNAP_RESOURCE_TYPE. The replicated snapshot is located in the AOC database and is based on the RESOURCE_TYPE table in the SOC database. For table definition information, see RESOURCE_TYPE table.

Description : The snapshot name is actually RESOURCE_TYPE, not SNAP_RESOURCE_TYPE. The replicated snapshot is located in the AOC database and is based on the RESOURCE_TYPE table in the SOC database. For table definition information, see RESOURCE_TYPE table.

Snapshot Name : SNAP_ROLE Alias :

Object Type:

Comment : The snapshot name is actually ROLE, not SNAP_ROLE. The replicated snapshot is located in the AOC database and is based on the ROLE table in the SOC database. For table definition information, see ROLE table.

Description : The snapshot name is actually ROLE, not SNAP_ROLE. The replicated snapshot is located in the AOC database and is based on the ROLE table in the SOC database.
For table definition information, see ROLE table.

Snapshot Name : SNAP_ROLE_ASSIGNMENT Alias :

Object Type:

Comment : The snapshot name is actually ROLE_ASSIGNMENT, not SNAP_ROLE_ASSIGNMENT. The replicated snapshot is located in the AOC database and is based on the ROLE_ASSIGNMENT table in the SOC database. For table definition information, see ROLE_ASSIGNMENT table.

Description : The snapshot name is actually ROLE_ASSIGNMENT, not SNAP_ROLE_ASSIGNMENT. The replicated snapshot is located in the AOC database and is based on the ROLE_ASSIGNMENT table in the SOC database.
For table definition information, see ROLE_ASSIGNMENT table.

Snapshot Name : SNAP_ROLE_FUNCTION Alias :

Object Type:

Comment : The snapshot name is actually ROLE_FUNCTION, not SNAP_ROLE_FUNCTION. The replicated snapshot is located in the AOC database and is based on the ROLE_FUNCTION table in the SOC database. For table definition information, see ROLE_FUNCTION table.

Description : The snapshot name is actually ROLE_FUNCTION, not SNAP_ROLE_FUNCTION. The replicated snapshot is located in the AOC database and is based on the ROLE_FUNCTION table in the SOC database. For table definition information, see ROLE_FUNCTION table.

Snapshot Name : SNAP_SYSTEM_PROFILE Alias :

Object Type:

Comment : The snapshot name is actually SYSTEM_PROFILE, not SNAP_SYSTEM_PROFILE. The replicated snapshot is located in the AOC database and is based on the SYSTEM_PROFILE table in the SOC database. For table definition information, see SYSTEM_PROFILE table.

Description : The snapshot name is actually SYSTEM_PROFILE, not SNAP_SYSTEM_PROFILE. The replicated snapshot is located in the AOC database and is based on the SYSTEM_PROFILE table in the SOC database. For table definition information, see SYSTEM_PROFILE table.

Snapshot Name : SNAP_USER_ID Alias :

Object Type:

Comment : The snapshot name is actually USER_ID, not SNAP_USER_ID. The replicated snapshot is located in the AOC database and is based on the USER_ID table in the SOC database. For table definition information, see USER_ID table.

Description : The snapshot name is actually USER_ID, not SNAP_USER_ID. The replicated snapshot is located in the AOC database and is based on the USER_ID table in the SOC database.
For table definition information, see USER_ID table.

Table Name : ACTION

Alias : ACTION

Display Title : Action

Object Type:

Comment :

Description : Contains the action type values for an Action event.

Volumes

Start Rows : 400

End Rows : 400

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	EVENT_EVENT_ID	NOT NULL	CHAR (32)
20	ACTION_EVENT_CODE	NOT NULL	NUMBER (3, 0)
30	CREATED_TIMESTAMP	NULL	DATE
40	DB_CODE	NULL	VARCHAR2 (1)

Primary KeyName ColumnACTION_PK EVENT_EVENT_ID
ACTION_EVENT_CODE**Foreign Keys**

ACTION_EVENT_FK

EVENT_EVENT_ID references EVENT.EVENT_ID
Transferable ? Yes Update Rule : Restricted
Mandatory ? Yes Delete Rule : Cascades**Check Constraints**Name Where Validate ClauseACTION_EVENT_CODE_CK1 action_event_code between 0 and 3

Table Name : ACTION

Alias : ACTION

Display Title : Action

Object Type:

Comment :

Column Detail

10 EVENT_EVENT_ID

TMDD 3215 - A unique alphanumeric identifier created by a TMC.

Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;

A unique alphanumeric identifier created by a TMC which corresponds to a roadway event.

Notes TMDD 3215 EVENT_Identifier_identifier

20 ACTION_EVENT_CODE

Local - Specifies the type of action.

Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE CODE ; Uppercase ? :No ;

Specifies the type of action, i.e., signal, debris, etc.

Notes Local

30 CREATED_TIMESTAMP

Local - Date the record was created.

Optional ? :Yes ; Date ;() ; Uppercase ? :No ;

Date the record was created.

Notes Local

40 DB_CODE

Local - Unique identifier for the database.

Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;

Unique identifier for the database.

Notes Local

Table Name : ASSOCIATED_EVENT Alias : AE
 Display Title : Associated Event

Object Type:

Comment :

Description : Relates events to other events.

Volumes

Start Rows : 200 End Rows : 200

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	EVENT_EVENT_ID_ASSOC_TO	NOT NULL	CHAR (32)
2	EVENT_EVENT_ID	NOT NULL	CHAR (32)
3	CREATED_TIMESTAMP	NULL	DATE
4	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
AE_PK	EVENT_EVENT_ID EVENT_EVENT_ID_ASSOC_TO

Table Name : ASSOCIATED_EVENT Alias : AE
 Display Title : Associated Event

Object Type:

Comment :

Column Detail

- 1 EVENT_EVENT_ID_ASSOC_TO
 Local - Unique identifier for the Event table.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 Foreign key of EVENT identifying to which events the event_id is associated.
 Notes Local
- 2 EVENT_EVENT_ID
 Local - Unique identifier for the Event table.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 Foreign key of EVENT to which another event is related.
 Notes Local
- 3 CREATED_TIMESTAMP
 Local - Date the record was created.
 Optional ? :Yes ; Date ;() ; Uppercase ? :No ;
 Date the record was created.
 Notes Local
- 4 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

Table Name : CENTER Alias : CEN
 Display Title : Center

Object Type:
 Comment :

Description : Configuration information required to define an operation center with associated functional responsibilities and geographic area.

Volumes

Start Rows : 500 End Rows : 500

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	CENTER_ID	NOT NULL	CHAR (32)
2	CENTER_NAME	NOT NULL	VARCHAR2 (16)
3	CREATED_TIMESTAMP	NULL	DATE
4	UPDATED_TIMESTAMP	NULL	DATE
5	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
CEN_PK	CENTER_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
CENTER_NAME_UK	CENTER_NAME

Table Name : CENTER

Alias : CEN
Display Title : Center

Object Type:

Comment :

Column Detail

- 1 CENTER_ID
 TMDD 3217 - Unique identifier of Center. Corba Hex key.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 A number which uniquely identifies an organization's Center (transportation,
 emergency management, public safety, etc.) within a region.
Notes TMDD 3217 ORGANIZATION.RESOURCE_Center_identifier
- 2 CENTER_NAME
 TMDD 3355 - Center name.
 Optional ? :No ; Varchar2 (16) ;() ; Uppercase ? :No ;
 A name which identifies an organization's Center (transportation, emergency
 management, public safety, etc.) within a region.
Notes TMDD 3355 ORGANIZATION.RESOURCE_CenterName_text
- 3 CREATED_TIMESTAMP
 Local - Date the record was created.
 Optional ? :Yes ; Date ;() ; Uppercase ? :No ;
 Date the record was created.
Notes Local
- 4 UPDATED_TIMESTAMP
 Local - Date the record was updated.
 Optional ? :Yes ; Date ;() ; Uppercase ? :No ;
 Local - Date the record was updated.
Notes Local
- 5 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
 Unique identifier for the database.
Notes Local

Table Name : CENTER_HISTORY Alias : CH
 Display Title : Center History

Object Type:

Comment :

Description : Contains a history of name changes for an operational center.

Volumes

Start Rows : 10 End Rows : 10

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	CEN_CENTER_ID	NOT NULL	CHAR (32)
2	PREVIOUS_CENTER_NAME	NOT NULL	VARCHAR2 (16)
3	FIRST_USED_TIMESTAMP	NOT NULL	DATE
4	LAST_USED_TIMESTAMP	NULL	DATE
9	DELETED_INDICATOR	NULL	NUMBER (1, 0)
10	DB_CODE	NULL	VARCHAR2 (1)

Table Name : CENTER_HISTORY Alias : CH
 Display Title : Center History

Object Type:

Comment :

Column Detail

- 1 CEN_CENTER_ID
 TMDD 3217 - Unique identifier of Center. Corba Hex key.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A number which uniquely identifies an organization's Center (transportation,
 emergency management, public safety, etc.) within a region.
 Notes TMDD 3217 ORGANIZATION.RESOURCE_Center_identifier
- 2 PREVIOUS_CENTER_NAME
 TMDD 3355 - Center name.
 Optional ? :No ; Varchar2 (16) ;() ; ; Uppercase ? :No ;
 A name which identifies an organization's Center (transportation, emergency
 management, public safety, etc.) within a region.
 Notes TMDD 3355 ORGANIZATION.RESOURCE_CenterName_text
- 3 FIRST_USED_TIMESTAMP
 Local - Date the name for the Center was first used.
 Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
 Date the name for the Center was last used.
 Notes Local
- 4 LAST_USED_TIMESTAMP
 Local - Date the name for the Center was last used.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Local - Date the name for the Center was last used.
 Notes Local
- 9 DELETED_INDICATOR
 Local - Specifies whether the Center is deleted.
 Optional ? :Yes ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Specifies whether the Center is deleted.
 Notes Local
- 10 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

Table Name : CENTER_LOGIN Alias : CL
 Display Title : Center Login

Object Type:

Comment :

Description : Represents a current Operations Center login session.

Volumes

Start Rows : 1500 End Rows : 1500

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	CEN_CENTER_ID	NOT NULL	CHAR (32)
20	LOGIN_SESSION_IOR	NOT NULL	VARCHAR2 (1024)

Primary Key

<u>Name</u>	<u>Column</u>
CL_PK	CEN_CENTER_ID LOGIN_SESSION_IOR

Foreign Keys

CL_CEN_FK

CEN_CENTER_ID references CENTER.CENTER_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Column Detail

10 CEN_CENTER_ID

TMDD 3217 - Unique identifier of Center. Corba Hex key.

Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;

A number which uniquely identifies an organization's Center (transportation, emergency management, public safety, etc.) within a region.

Notes TMDD 3217 ORGANIZATION.RESOURCE_Center_identifier

20 LOGIN_SESSION_IOR

Local - CORBA IOR that tracks user login.

Optional ? :No ; Varchar2 (1024) ;() ; Uppercase ? :No ;

CORBA IOR that tracks user login. Provides current state of users logged on to the system if a crash occurs.

Notes Local

Table Name : CH2_DICTIONARY Alias : CD
 Display Title : Ch2 Dictionary

Object Type:
 Comment :

Description : Represents a list of banned and/or spell check words which may/may not be used in a message to be displayed on a traveller information device (DMS, HAR).

Volumes

Start Rows : 5 End Rows : 5

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	DICTIONARY_ID	NOT NULL	CHAR (32)
2	DICTIONARY_DESC	NOT NULL	VARCHAR2 (255)
3	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
CD_PK	DICTIONARY_ID

Column Detail

1 DICTIONARY_ID
 Local - CORBA hex key.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 CORBA hex key.

Notes Local

2 DICTIONARY_DESC
 Local - Verbose description of the type of dictionaries.
 Optional ? :No ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
 Verbose description of the type of dictionaries in the CHART2 system.

Notes Local

3 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.

Notes Local

Table Name : CODE_LIST Alias : CDL
 Display Title : Code List

Object Type:

Comment :

Description : Contains list of code types used in the database.

Volumes

Start Rows : 100 End Rows : 100

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	CODE_TYPE_NAME	NOT NULL	VARCHAR2 (30)
2	CREATED_TIMESTAMP	NULL	DATE
3	UPDATED_TIMESTAMP	NULL	DATE
4	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
CODE_LIST_PK	CODE_TYPE_NAME

Table Name : CODE_LIST Alias : CDL
 Display Title : Code List

Object Type:

Comment :

Column Detail

1 CODE_TYPE_NAME

Local - Name of code type, i.e., incident type, event type. Primary key for the CODE_LIST table.

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Name of code type for display. Primary key for the CODE_LIST table.

Notes Local

2 CREATED_TIMESTAMP

Local - Date the record was created.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;

Date the record was created.

Notes Local

3 UPDATED_TIMESTAMP

Local - Date the record was updated.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;

Local - Date the record was updated.

Notes Local

4 DB_CODE

Local - Unique identifier for the database.

Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

Unique identifier for the database.

Notes Local

Table Name : CODE_LIST_ITEM Alias : CLI
 Display Title : Code List Item

Object Type:

Comment :

Description : Contains list of codes for the CHART II application.

Volumes

Start Rows : 450 End Rows : 450

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	CDL_CODE_TYPE_NAME	NOT NULL	VARCHAR2 (30)
20	TYPE_CODE	NOT NULL	NUMBER (3, 0)
30	TYPE_NAME	NOT NULL	VARCHAR2 (240)
40	ACTIVE_INDICATOR	NULL	NUMBER (1, 0)
50	SORT_ORDER_NUMBER	NULL	NUMBER (3, 0)
60	CREATED_TIMESTAMP	NULL	DATE
70	UPDATED_TIMESTAMP	NULL	DATE
80	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

Name	Column
CODE_LIST_ITEM_PK	CDL_CODE_TYPE_NAME TYPE_CODE

Other Unique Keys

Name	Column
CLI_TYPE_NAME_UK	CDL_CODE_TYPE_NAME TYPE_NAME

Foreign Keys

CLI_CDL_FK

CDL_CODE_TYPE_NAME references CODE_LIST.CODE_TYPE_NAME
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Table Name : CODE_LIST_ITEM Alias : CLI
 Display Title : Code List Item
 Object Type:
 Comment :

Check Constraints

Name	Where Validate Clause
TYPE_ACTIVE_INDICATOR_CK	ACTIVE_INDICATOR IN (0,1)
TYPE_CODE_CK	TYPE_CODE BETWEEN -1 AND 255

Column Detail

10 CDL_CODE_TYPE_NAME
 Local - Specifies the name of the code category. Primary key for the CODE_LIST table.
 Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
 Name of code type for display. Primary key for the CODE_LIST table.
Notes Local

20 TYPE_CODE
 Local - Specifies a numeric code of up to three digits.
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;
 Specifies unique numeric code for code type.
Notes Local

30 TYPE_NAME
 Local - Specifies the name for the code value.
 Optional ? :No ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
 Specifies the name for the code value.
Notes Local

40 ACTIVE_INDICATOR
 Local - Specifies whether the code is currently being used by the application.
 Optional ? :Yes ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Specifies whether the code is currently being used by the application.
Notes Local

50 SORT_ORDER_NUMBER
 Local - Specifies the ordering of items in the code type.
 Optional ? :Yes ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Specifies the ordering of items in the code type.
Notes Local

60 CREATED_TIMESTAMP
 Local - Date the record was created.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Date the record was created.
Notes Local

Table Name : CODE_LIST_ITEM Alias : CLI
 Display Title : Code List Item

Object Type:

Comment :

Column Detail

70 UPDATED_TIMESTAMP

Local - Date the record was updated.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;

Local - Date the record was updated.

Notes Local

80 DB_CODE

Local - Unique identifier for the database.

Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

Unique identifier for the database.

Notes Local

Table Name : COMMUNICATIONS_FAILURE_LOG Alias : CFL
 Display Title : Communications Failure Log

Object Type:

Comment :

Description : Table that accumulates entries each time a port manager communications failure occurs.

Volumes

Start Rows : 20000 End Rows : 20000

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
1	PORT_MANAGER_NAME	NOT NULL	VARCHAR2 (30)
2	PORT_TYPE	NOT NULL	NUMBER (1, 0)
3	PORT_NAME	NULL	VARCHAR2 (30)
4	FAILURE_CODE	NOT NULL	NUMBER (3, 0)
5	MODEM_RESPONSE_CODE	NULL	NUMBER (3, 0)
6	SYSTEM_TIMESTAMP	NOT NULL	DATE
7	LOG_TEXT	NOT NULL	VARCHAR2 (1024)

Check Constraints

Name	Where Validate Clause
COMM_FAILURE_PORT_TYPE_CK	port_type between 0 and 3
FAILURE_CODE_CK	failure_code between 0 and 8
MODEM_RESPONSE_CODE_CK	modem_response_code between -1 and 9

Table Name : COMMUNICATIONS_FAILURE_LOG Alias : CFL
 Display Title : Communications Failure Log

Object Type:

Comment :

Column Detail

1 PORT_MANAGER_NAME

Local - Specifies the name of the Port Manager.

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Specifies the name of the Port Manager.

Notes Local

2 PORT_TYPE

Local - Specifies the types of ports that can be served by a PortManager.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Specifies the types of ports that can be served by a PortManager.

Notes Local

3 PORT_NAME

Local - Name of the port.

Optional ? :Yes ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Name of the port.

Notes Local

4 FAILURE_CODE

Local - Specifies the type of failure.

Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;

Specifies the type of failure.

Notes Local

5 MODEM_RESPONSE_CODE

Local - Specifies the type of modem response.

Optional ? :Yes ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;

Local - Specifies the type of modem response.

Notes Local

6 SYSTEM_TIMESTAMP

Local - The date and time the communications log item was stored in the database.

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

The date and time the communications log item was stored in the database.

Notes Local

7 LOG_TEXT

Local - Comment about the communications failure log entry.

Optional ? :No ; Varchar2 (1024) ;() ; ; Uppercase ? :No ;

Comment about the communications failure log entry.

Notes Local

Table Name : COMMUNICATIONS_LOG

Alias : COMLOG

Display Title : Communications Log

Object Type:

Comment :

Description : Table that accumulates entries each time a user makes an entry to the communications log.

Volumes

Start Rows : 5000

End Rows : 5000

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	LOG_ENTRY_ID	NOT NULL	CHAR (32)
20	EVENT_EVENT_ID	NULL	CHAR (32)
40	DB_CODE	NULL	VARCHAR2 (1)
50	SYSTEM_TIMESTAMP	NOT NULL	DATE
60	USER_TIMESTAMP	NOT NULL	DATE
70	SOURCE_CODE	NOT NULL	NUMBER (3, 0)
80	AUTHOR	NOT NULL	VARCHAR2 (32)
85	CEN_CENTER_ID	NOT NULL	CHAR (32)
90	CENTER_NAME	NOT NULL	VARCHAR2 (16)
100	HOST_NAME	NOT NULL	VARCHAR2 (255)
110	UPDATED_TIMESTAMP	NULL	DATE
112	LOG_SEQ	NOT NULL	NUMBER (10, 0)
115	SOURCE_DESCRIPTION	NULL	VARCHAR2 (60)
120	LOG_TEXT	NOT NULL	VARCHAR2 (1024)

Primary Key

Name	Column
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COMLOG_PK LOG_ENTRY_ID

Check Constraints

Name	Where Validate Clause
COMM_LOG_SOURCE_CODE_CK	source_code between 0 and 255

Table Name : COMMUNICATIONS_LOG Alias : COMLOG
 Display Title : Communications Log
 Object Type:
 Comment :

Column Detail

10 LOG_ENTRY_ID
 Local - Unique identifier for the communications log
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 Unique identifier for the communications log
 Notes Local

20 EVENT_EVENT_ID
 TMDD 3215 - A unique alphanumeric identifier created by a TMC.
 Optional ? :Yes ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric identifier created by a TMC which corresponds to a
 roadway event.
 Notes TMDD 3215 EVENT_Identifier_identifier

40 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

50 SYSTEM_TIMESTAMP
 Local - The date and time the communications log item was stored in the
 database.
 Optional ? :No ; Date ;() ; Uppercase ? :No ;
 The date and time the communications log item was stored in the database.
 Notes Local

60 USER_TIMESTAMP
 Local - Date time user performed operation.
 Optional ? :No ; Date ;() ; Uppercase ? :No ;
 Date time user performed operation.
 Notes Local

70 SOURCE_CODE
 TMDD 3302 - An indicator of how a roadway event was detected.
 Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE_CODE ; Uppercase ? :No ;
 An indicator of how a roadway event was detected.
 Notes TMDD 3302

80 AUTHOR
 Local - User entering the log entry.
 Optional ? :No ; Varchar2 (32) ;() ; Uppercase ? :No ;
 User entering the log entry.
 Notes Local

Table Name : COMMUNICATIONS_LOG Alias : COMLOG
 Display Title : Communications Log

Object Type:

Comment :

Column Detail

85 CEN_CENTER_ID
 TMDD 3217 - Unique identifier of Center. Corba Hex key.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A number which uniquely identifies an organization's Center (transportation,
 emergency management, public safety, etc.) within a region.
 Notes TMDD 3217 ORGANIZATION.RESOURCE_Center_identifier

90 CENTER_NAME
 TMDD 3355 - Controlling center name.
 Optional ? :No ; Varchar2 (16) ;() ; ; Uppercase ? :No ;
 A name which identifies an organization's Controlling Center (transportation,
 emergency management, public safety, etc.) within a region.
 Notes TMDD 3355 ORGANIZATION.RESOURCE_CenterName_text

100 HOST_NAME
 Local - Name of user's workstation.
 Optional ? :No ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
 Name of user's workstation.
 Notes Local

110 UPDATED_TIMESTAMP
 Local - Date the record was updated.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Local - Date the record was updated.
 Notes Local

112 LOG_SEQ
 Local - sequence number for ordering the log entries.
 Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
 Sequence number for ordering the log entries.
 Notes Local

115 SOURCE_DESCRIPTION
 Local - Describes the Source of the communications log item.
 Optional ? :Yes ; Varchar2 (60) ;() ; ; Uppercase ? :No ;
 Describes the Source of the communications log item.
 Notes Local

120 LOG_TEXT
 Local - Comment about the communication log entry.
 Optional ? :No ; Varchar2 (1024) ;() ; ; Uppercase ? :No ;
 Comment about the communication log entry.
 Notes Local

Table Name : DEVICE_EVENT Alias : DAE
 Display Title : Device Active Event

Object Type:

Comment :

Description : Contains the events for a given device.

User/Help Text Contains the events for a given device.

:

Volumes

Start Rows : 750 End Rows : 750

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
5	DEVICE_ID	NOT NULL	CHAR (32)
10	EVENT_EVENT_ID	NOT NULL	CHAR (32)
30	RPI_RPI_ID	NOT NULL	CHAR (32)
40	DEVICE_USAGE_CODE	NOT NULL	NUMBER (3, 0)

Primary Key

Name	Column
DE_PK	DEVICE_ID EVENT_EVENT_ID RPI_RPI_ID DEVICE_USAGE_CODE

Check Constraints

Name	Where Validate Clause
DEVICE_USAGE_CODE_CK	device_usage_code between 0 and 4

Table Name : DEVICE_EVENT Alias : DAE
 Display Title : Device Active Event
 Object Type:
 Comment :

Column Detail

5 DEVICE_ID
 TMDD 3701 - A unique alphanumeric device identifier.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric device identifier.
 Notes TMDD 3701 DEVICE_Device_identifier

10 EVENT_EVENT_ID
 TMDD 3215 - A unique alphanumeric identifier created by a TMC.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric identifier created by a TMC which corresponds to a
 roadway event.
 Notes TMDD 3215 EVENT_Identifier_identifier

30 RPI_RPI_ID
 Local - Unique internal hex key identifier for the response plan item.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 Unique CORBA hex key identifier. This is used by the application servers.
 Unique internal hex key identifier for the response plan item.
 Notes Local

40 DEVICE_USAGE_CODE
 Local - specifies whether the device is part of an arbitration queue, an active
 notifier, or a desired notifier for an event.
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;
 Specifies whether the device is part of an arbitration queue, an active
 notifier, or a desired notifier for an event.
 Notes Local

Table Name : DICTIONARY_WORD Alias : DW
 Display Title : Dictionary Word

Object Type:

Comment :

Description : List of words and phrases.

Volumes

Start Rows : 10000 End Rows : 10000

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	CD_DICTIONARY_ID	NOT NULL	CHAR (32)
2	DICTIONARY_WORD	NOT NULL	VARCHAR2 (255)
3	DEVICE_APPLICABILITY	NOT NULL	NUMBER (5, 0)
4	APPROVED_CODE	NOT NULL	NUMBER (3, 0)
5	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
DW_PK	DICTIONARY_WORD CD_DICTIONARY_ID APPROVED_CODE

Foreign Keys

DW_CD_FK

CD_DICTIONARY_ID references CH2_DICTIONARY.DICTIONARY_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
APPROVED_CODE_CK	approved_code between 0 and 255

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
DW_CD_FK_I	1	CD_DICTIONARY_ID	NOT UNIQUE

Table Name : DICTIONARY_WORD Alias : DW
 Display Title : Dictionary Word

Object Type:
 Comment :

Column Detail

1 CD_DICTIONARY_ID
 Local - CORBA hex key.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 CORBA hex key.

Notes Local

2 DICTIONARY_WORD
 Local - Word added to the dictionary.
 Optional ? :No ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
 Word added to the dictionary. It is 255 bytes because the client may want to
 treat phrases as words.

Notes Local

3 DEVICE_APPLICABILITY
 Local - Indicates which devices the word applies.
 Optional ? :No ; Number (5, 0) ;() ; ; Uppercase ? :No ;
 Indicates which devices the word applies. The word can apply to either HARs or
 DMSs or to both. Bit position 0 represents DMS applicability and bit position
 1 represents HAR applicability.

Notes Local

4 APPROVED_CODE
 Local - Code that indicates whether it is a banned word code or spell check
 word.
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;
 Code that indicates whether it is a banned word code or spell check word.

Notes Local

5 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.

Notes Local

Table Name : DISABLED_VEHICLE_INDICATOR Alias : DVI
 Display Title : Disabled Vehicle Indicator

Object Type:

Comment :

Description : Contains type code regarding a disabled vehicle situation.

Volumes

Start Rows : 1500 End Rows : 1500

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	EVENT_EVENT_ID	NOT NULL	CHAR (32)
20	DISABLED_VEHICLE_INDICATOR_COD	NOT NULL	NUMBER (3, 0)
30	DB_CODE	NULL	VARCHAR2 (1)
40	CREATED_TIMESTAMP	NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
DISABLED_VEHICLE_INDICATOR_PK	EVENT_EVENT_ID DISABLED_VEHICLE_INDICATOR_COD

Foreign Keys

DVI_EVENT_FK

EVENT_EVENT_ID references	EVENT.EVENT_ID
Transferable ? Yes	Update Rule : Restricted
Mandatory ? Yes	Delete Rule : Cascades

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
DISABLED_VEHICLE_INDICATOR_CK	disabled_vehicle_indicator_cod between 0 and 255

Table Name : DISABLED_VEHICLE_INDICATOR Alias : DVI
Display Title : Disabled Vehicle Indicator

Object Type:

Comment :

Column Detail

10 EVENT_EVENT_ID

TMDD 3215 - A unique alphanumeric identifier created by a TMC.

Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;

A unique alphanumeric identifier created by a TMC which corresponds to a roadway event.

Notes TMDD 3215 EVENT_Identifier_identifier

20 DISABLED_VEHICLE_INDICATOR_COD

Local - Specifies code for disabled vehicle type.

Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE_CODE ; Uppercase ? :No ;

Specifies the code of the disable vehicle type.

Notes Local

30 DB_CODE

Local - Unique identifier for the database.

Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;

Unique identifier for the database.

Notes Local

40 CREATED_TIMESTAMP

Local - Date the record was created.

Optional ? :Yes ; Date ;() ; Uppercase ? :No ;

Date the record was created.

Notes Local

Table Name : DMS

Alias : DMS

Display Title : Dms

Object Type:

Comment :

Description : Configuration information relative to a dynamic message sign (DMS) including location and communications information.

Volumes

Start Rows : 100

End Rows : 100

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	DEVICE_ID	NOT NULL	CHAR (32)
20	DMS_MODEL_ID	NOT NULL	NUMBER (5, 0)
40	ORG_ORGANIZATION_ID	NOT NULL	CHAR (32)
70	DB_CODE	NULL	VARCHAR2 (1)
80	DEVICE_NAME	NOT NULL	VARCHAR2 (15)
90	DEVICE_LOCATION	NOT NULL	VARCHAR2 (60)
95	HAR_DEVICE_ID	NULL	CHAR (32)
100	COMM_LOSS_TIMEOUT	NOT NULL	NUMBER (10, 0)
110	DEFAULT_JUSTIFICATION_LINE	NOT NULL	NUMBER (3, 0)
120	DEFAULT_PAGE_OFF_TIME	NOT NULL	NUMBER (3, 0)
130	DEFAULT_PAGE_ON_TIME	NOT NULL	NUMBER (3, 0)
140	DROP_ADDRESS	NOT NULL	NUMBER (5, 0)
150	INITIAL_RESPONSE_TIMEOUT	NOT NULL	NUMBER (10, 0)
160	BEACON_TYPE	NOT NULL	NUMBER (3, 0)
170	SIGN_TYPE	NOT NULL	NUMBER (3, 0)
180	DEFAULT_PHONE_NUMBER	NULL	VARCHAR2 (25)
185	DMS_DIRECTIONAL_CODE	NULL	NUMBER (3, 0)
190	POLL_INTERVAL	NOT NULL	NUMBER (5, 0)
200	POLLING_ENABLED	NOT NULL	NUMBER (1, 0)
210	PORT_TYPE	NOT NULL	NUMBER (1, 0)
220	PORT_MANAGER_TIMEOUT	NOT NULL	NUMBER (10, 0)
230	BAUD_RATE	NOT NULL	NUMBER (6, 0)
240	DATA_BITS	NOT NULL	NUMBER (1, 0)
250	FLOW_CONTROL	NOT NULL	NUMBER (1, 0)
260	PARITY	NOT NULL	NUMBER (1, 0)
270	STOP_BITS	NOT NULL	NUMBER (1, 0)
280	ENABLE_DEVICE_LOG	NOT NULL	NUMBER (1, 0)
290	VMS_CHARACTER_HEIGHT_PIXELS	NOT NULL	NUMBER (3, 0)
300	VMS_CHARACTER_WIDTH_PIXELS	NOT NULL	NUMBER (3, 0)

Table Name : DMS Alias : DMS
 Display Title : Dms

Object Type:

Comment :

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
310	VMS_MAX_PAGES	NOT NULL	NUMBER (3, 0)
320	VMS_SIGN_HEIGHT_PIXELS	NOT NULL	NUMBER (5, 0)
330	VMS_SIGN_WIDTH_PIXELS	NOT NULL	NUMBER (5, 0)
340	CREATED_TIMESTAMP	NULL	DATE
350	UPDATED_TIMESTAMP	NULL	DATE
360	SHAZAM_BEACON_STATE	NOT NULL	NUMBER (1, 0)
370	SHAZAM_IS_MESSAGE_TEXT_MULTI	NOT NULL	NUMBER (1, 0)
380	DMS_SHAZAM_MSG	NULL	VARCHAR2 (1024)

Primary Key

<u>Name</u>	<u>Column</u>
DMS_PK	DEVICE_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
DMS_NAME_UK	DEVICE_NAME

Table Name : DMS

Alias : DMS

Display Title : Dms

Object Type:

Comment :

Check Constraints

Name	Where Validate Clause
BAUD_RATE_CK	baud_rate in (100,300,1200,2400,4800,9600,19200,38400,57600,15200)
BEACON_TYPE_CK	beacon_type between 1 and 13
COMM_LOSS_TIMEOUT_CK	comm_loss_timeout between -1 and 2147483647
DATA_BITS_CK	data_bits between 0 and 3
DEFAULT_JUSTIFICATION_LINE_CK	default_justification_line between 1 and 5
DEFAULT_PAGE_OFF_TIME_CK	default_page_off_time between 0 and 255
DEFAULT_PAGE_ON_TIME_CK	default_page_on_time between 1 and 255
DMS_DIRECTIONAL_CODE_CK	dms_directional_code between 0 and 255
DMS_MODEL_ID_CK	dms_model_id between 0 and 65535
DMS_POLLING_ENABLED_CK	polling_enabled in (0,1)
DMS_SHAZAM_BEACON_STATE_CK	shazam_beacon_state in (0,1)
DROP_ADDRESS_CK	drop_address between 0 and 65535
ENABLE_DEVICE_LOG_CK	enable_device_log in (0,1)
FLOW_CONTROL_CK	flow_control between 0 and 2
INITIAL_RESPONSE_TIMEOUT_CK	initial_response_timeout between 0 and 2147483647
PARITY_CK	parity between 0 and 4
POLL_INTERVAL_CK	poll_interval between 0 and 1440
PORT_MANAGER_TIMEOUT_CK	port_manager_timeout between 0 and 2147483647
PORT_TYPE_CK	port_type between 0 and 3
SIGN_TYPE_CK	sign_type in (1,2,3,4,5,6,129,130,131,132,133,134)
STOP_BITS_CK	stop_bits between 0 and 2
VMS_CHARACTER_HEIGHT_PIXELS_CK	vms_character_height_pixels between 0 and 255
VMS_CHARACTER_WIDTH_PIXELS_CK	vms_character_width_pixels between 0 and 255
VMS_MAX_PAGES_CK	vms_max_pages between 0 and 255
VMS_SIGN_HEIGHT_PIXELS_CK	vms_sign_height_pixels between 0 and 65535
VMS_SIGN_WIDTH_PIXELS_CK	vms_sign_width_pixels between 0 and 65535

Column Detail

10 DEVICE_ID

TMDD 3701 - A unique alphanumeric device identifier.

Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;

Table Name : DMS Alias : DMS
 Display Title : Dms

Object Type:

Comment :

Column Detail

A unique alphanumeric DMS device identifier.
Notes TMDD 3701 DEVICE_Device_identifier
 20 DMS_MODEL_ID
 Local - Indicates the DMS device model in numeric format.
 Optional ? :No ; Number (5, 0) ;() ; ; Uppercase ? :No ;
 Indicates the DMS device model in numeric format.
Notes Local
 40 ORG_ORGANIZATION_ID
 TMDD 3343 - Unique identifier of organization. CORBA hex key.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique identifier for an organization with a region. CORBA hex key.
Notes TMDD 3343 ORGANIZATION.CONTACT_Organization_identifier
 70 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
Notes Local
 80 DEVICE_NAME
 Local - Specifies the name of the Device.
 Optional ? :No ; Varchar2 (15) ;() ; ; Uppercase ? :No ;
 Specifies the name of the Device.
Notes Local
 90 DEVICE_LOCATION
 Local - Specifies the location of the device.
 Optional ? :No ; Varchar2 (60) ;() ; ; Uppercase ? :No ;
 Specifies the location of the device.
Notes Local
 95 HAR_DEVICE_ID
 TMDD 3701 - A unique alphanumeric device identifier representing the associated HAR.
 Optional ? :Yes ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric device identifier representing the associated HAR.
Notes TMDD 3701 DEVICE_Device_identifier
 100 COMM_LOSS_TIMEOUT
 Local - Duration, specified in seconds, that the software will wait for the DMS to be contacted.

Table Name : DMS Alias : DMS
 Display Title : Dms

Object Type:
 Comment :

Column Detail

Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
 Duration, specified in seconds, that the software will wait for the DMS to be contacted.

Notes Local

110 DEFAULT_JUSTIFICATION_LINE
 NTCIP 2.5.1.1.6 - Indicates the default line justification for a message.
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Indicates the default line justification for a message.

Notes NTCIP 2.5.1.1.6

120 DEFAULT_PAGE_OFF_TIME
 NTCIP 2.5.1.1.9 - Indicates the default page off time, in tenths (1/10) of a second.
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Indicates the default page off time, in tenths (1/10) of a second. If the message is only one page, this value is ignored, and the page is continuously displayed.

Notes NTCIP 2.5.1.1.9

130 DEFAULT_PAGE_ON_TIME
 NTCIP 2.5.1.1.8 - Specifies how long each page of a multi-page message should be displayed. The value is only used if the page on time is not specified in the MULTI string passed to the sign. The value is specified in tenths of seconds.
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Indicates the default page on time, in tenths (1/10) of a second. If the message is only one page, this value is ignored, and the page is continuously displayed.

Notes NTCIP 2.5.1.1.8

140 DROP_ADDRESS
 Local - Used in the sign protocols to allow comms to be directed to the proper controller.
 Optional ? :No ; Number (5, 0) ;() ; ; Uppercase ? :No ;
 Used in the sign protocols to allow comms to be directed to the proper controller.

Notes Local

150 INITIAL_RESPONSE_TIMEOUT
 Local - Used in the FMS code to determine how long to wait for a response from a command that has been sent to a device.
 Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
 Used in the FMS code to determine how long to wait for a response from a command that has been sent to a device.

Table Name : DMS Alias : DMS
 Display Title : Dms

Object Type:

Comment :

Column Detail

	<u>Notes</u>	Local
160 BEACON_TYPE	<p>NTCIP 2.2.1.1.8 - Indicates the configuration of the type, numbers and flashing patterns of beacons on a sign.</p> <p>Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;</p> <p>Indicates the configuration of the type, numbers and flashing patterns of beacons on a sign.</p>	
	<u>Notes</u>	NTCIP 2.2.1.1.8
170 SIGN_TYPE	<p>NTCIP 2.2.1.1.2 - Indicates the type of sign.</p> <p>Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;</p> <p>Indicates the type of sign.</p>	
	<u>Notes</u>	NTCIP 2.2.1.1.2
180 DEFAULT_PHONE_NUMBER	<p>Local - Specifies the default phone number for connecting to the device.</p> <p>Optional ? :Yes ; Varchar2 (25) ;() ; ; Uppercase ? :No ;</p> <p>Specifies the default phone number for connecting to the device.</p>	
	<u>Notes</u>	Local
185 DMS_DIRECTIONAL_CODE	<p>Local - Specifies the direction a DMS is facing.</p> <p>Optional ? :Yes ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;</p> <p>Specifies the direction a DMS is facing.</p>	
	<u>Notes</u>	Local
190 POLL_INTERVAL	<p>Local - Number of minutes to skip between polls of this device.</p> <p>Optional ? :No ; Number (5, 0) ;() ; ; Uppercase ? :No ;</p> <p>Number of minutes to skip between polls of this device.</p>	
	<u>Notes</u>	Local
200 POLLING_ENABLED	<p>Local - Indicates whether polling is enabled for this DMS.</p> <p>Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;</p> <p>Indicates whether polling is enabled for this DMS.</p>	
	<u>Notes</u>	Local
210 PORT_TYPE	<p>Local - Specifies the type of port to use for this device.</p> <p>Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;</p>	

Table Name : DMS Alias : DMS
 Display Title : Dms

Object Type:

Comment :

Column Detail

Specifies the type of port to use for this device.

Notes Local

220 PORT_MANAGER_TIMEOUT

Local - Duration, specified in seconds, that the software will wait for a port to become available at each selected port manager.

Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;

Duration, specified in seconds, that the software will wait for a port to become available at each selected port manager.

Notes Local

230 BAUD_RATE

Local - Specifies the baud rate to use when connecting to a device.

Optional ? :No ; Number (6, 0) ;() ; ; Uppercase ? :No ;

Specifies the baud rate to use when connecting to a device.

Notes Local

240 DATA_BITS

Local - Specifies the number of databits to use when communicating over a direct or modem port.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Specifies the number of databits to use when communicating over a direct or modem port.

Notes Local

250 FLOW_CONTROL

Local - Specifies the flow control to use when communicating over a direct or modem port.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Specifies the flow control to use when communicating over a direct or modem port.

Notes Local

260 PARITY

Local - Specifies the parity to use when communicating over a direct or modem port.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Specifies the parity to use when communicating over a direct or modem port.

Notes Local

270 STOP_BITS

Local - Specifies the number of stop bits to use when communicating over a direct or modem port.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Specifies the number of stop bits to use when communicating over a direct or

Table Name : DMS Alias : DMS
 Display Title : Dms

Object Type:

Comment :

Column Detail

modem port.

Notes Local

280 ENABLE_DEVICE_LOG

Local - Indicates whether the device will log information to a flat file.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Indicates whether the device will log information to a flat file.

Notes Local

290 VMS_CHARACTER_HEIGHT_PIXELS

NTCIP 2.3.1.1.1 - Indicates the height of a single character in Pixels.

Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;

Indicates the height of a single character in Pixels. The value zero (0)

Indicates a variable character height.

Notes NTCIP 2.3.1.1.1

300 VMS_CHARACTER_WIDTH_PIXELS

NTCIP 2.3.1.1.2 - Indicates the width of a single character in Pixels.

Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;

Indicates the width of a single character in Pixels. The value zero (0) indicates a variable character width. A full matrix sign is indicated by a height and width of zero (0). A line matrix sign is indicated by a width of zero (0).

Notes NTCIP 2.3.1.1.2

310 VMS_MAX_PAGES

Local - Maximum number of pages in a single message supported by the DMS.

Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;

Maximum number of pages in a single message supported by the DMS.

Notes Local

320 VMS_SIGN_HEIGHT_PIXELS

NTCIP 2.3.1.1.3 - Indicates the number of rows of pixels for the entire sign.

Optional ? :No ; Number (5, 0) ;() ; ; Uppercase ? :No ;

Indicates the number of rows of pixels for the entire sign. To determine the number of lines for a line matrix or character matrix sign, divide the vmsSignHeightPixels object value by the vmsCharacterHeightPixels object value. This should result in a whole number, the number of lines for the sign.

Notes NTCIP 2.3.1.1.3

330 VMS_SIGN_WIDTH_PIXELS

NTCIP 2.3.1.1.4 - Indicates the number of columns of pixels for the entire sign.

Optional ? :No ; Number (5, 0) ;() ; ; Uppercase ? :No ;

Table Name : DMS Alias : DMS
 Display Title : Dms
 Object Type:
 Comment :

Column Detail

Indicates the number of columns of pixels for the entire sign. To determine the number of characters for a character matrix sign, divide the vmsSignWidthPixels object value by the vmsCharacterWidthPixels object value. This should result in a whole number, the number of characters per line for the sign.

Notes NTCIP 2.3.1.1.1.4

340 CREATED_TIMESTAMP

Local - Date the record was created.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;

Date the record was created.

Notes Local

350 UPDATED_TIMESTAMP

Local - Date the device_name column was updated.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;

Date the device_name column was updated.

Notes Local

360 SHAZAM_BEACON_STATE

NTCIP 2.6.1.1.8.6 - Indicates if connected beacon(s) are to be activated when the associated message is displayed.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Indicates if connected beacon(s) are to be activated when the associated message is displayed. Zero (0) = Beacon(s) are Disabled ; one (1) = Beacon(s) are Enabled.

Notes NTCIP 2.6.1.1.8.6 dmsMessageBeacon.

370 SHAZAM_IS_MESSAGE_TEXT_MULTI

Local - Indicates if the message_text attribute is stored with multi tags imbedded.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Indicates if the message_text attribute is stored with multi tags imbedded.

Notes Local

380 DMS_SHAZAM_MSG

Local - Specifies the message that appears on a DMS when used as a SHAZAM.

Optional ? :Yes ; Varchar2 (1024) ;() ; ; Uppercase ? :No ;

Specifies the message that appears on a DMS when used as a SHAZAM.

Notes Local

Table Name : DMS_FONT

Alias : DF

Display Title : Dms Font

Object Type:

Comment :

Description : Contains the information needed to configure/define a particular font.

Volumes

Start Rows : 100

End Rows : 100

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
20	DMS_DEVICE_ID	NOT NULL	CHAR (32)
30	FONT_FONT_ID	NOT NULL	NUMBER (5, 0)
40	DB_CODE	NULL	VARCHAR2 (1)

Primary KeyName ColumnDMS_FONT_PK DMS_DEVICE_ID
FONT_FONT_ID**Foreign Keys**

DF_DMS_FK

DMS_DEVICE_ID references DMS.DEVICE_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

DF_FONT_FK

FONT_FONT_ID references FONT.FONT_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
DF_FONT_FK_I	1	FONT_FONT_ID	NOT UNIQUE

Table Name : DMS_FONT Alias : DF
 Display Title : Dms Font

Object Type:
Comment :

Column Detail

20 DMS_DEVICE_ID
TMDD 3701 - A unique alphanumeric device identifier.
Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
A unique alphanumeric DMS device identifier.
Notes TMDD 3701 DEVICE_Device_identifier

30 FONT_FONT_ID
NTCIP 2.4.1.1.1.2.2 - The unique internal identifier of the Font.
Optional ? :No ; Number (5, 0) ;() ; Uppercase ? :No ;
The unique internal identifier of the Font.
Notes NTCIP 2.4.1.1.1.2.2

40 DB_CODE
Local - Unique identifier for the database.
Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
Unique identifier for the database.
Notes Local

Table Name : DMS_PHONE_NUMBER Alias : DPN
 Display Title : Dms Phone Number

Object Type:

Comment :

Description : Contains the phone numbers for each DMS.

Volumes

Start Rows : 500 End Rows : 500

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	DMS_DEVICE_ID	NOT NULL	CHAR (32)
20	PORT_MANAGER_NAME	NOT NULL	VARCHAR2 (30)
30	PHONE_NUMBER	NOT NULL	VARCHAR2 (25)
50	SORT_ORDER_NUMBER	NOT NULL	NUMBER (3, 0)
60	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
DPN_PK	DMS_DEVICE_ID PORT_MANAGER_NAME PHONE_NUMBER SORT_ORDER_NUMBER

Foreign Keys

DPN_DMS_FK

DMS_DEVICE_ID	references	DMS.DEVICE_ID
Transferable ?	Yes	Update Rule : Restricted
Mandatory ?	Yes	Delete Rule : Cascades

Table Name : DMS_PHONE_NUMBER Alias : DPN
 Display Title : Dms Phone Number

Object Type:

Comment :

Column Detail

10 DMS_DEVICE_ID
 TMDD 3701 - A unique alphanumeric device identifier.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric DMS device identifier.
 Notes TMDD 3701 DEVICE_Device_identifier

20 PORT_MANAGER_NAME
 Local - Specifies the name of the Port Manager.
 Optional ? :No ; Varchar2 (30) ;() ; Uppercase ? :No ;
 Specifies the name of the Port Manager.
 Notes Local

30 PHONE_NUMBER
 Local - Specifies the phone number for connecting to the device.
 Optional ? :No ; Varchar2 (25) ;() ; Uppercase ? :No ;
 Specifies the phone number for connecting to the device.
 Notes Local

50 SORT_ORDER_NUMBER
 Local - Specifies the ordering of port managers for a DMS.
 Optional ? :No ; Number (3, 0) ;() ; Uppercase ? :No ;
 Specifies the ordering of port managers for a DMS.
 Notes Local

60 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

Table Name : DMS_STATUS Alias : DS
 Display Title : Dms Status

Object Type:

Comment :

Description : Contains DMS status information.

Volumes

Start Rows : 100 End Rows : 100

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	DMS_DEVICE_ID	NOT NULL	CHAR (32)
60	CEN_CENTER_ID	NULL	CHAR (32)
70	DEVICE_STATE_CODE	NOT NULL	NUMBER (3, 0)
80	BEACON_STATE	NOT NULL	NUMBER (1, 0)
90	PIXEL_TEST	NOT NULL	NUMBER (1, 0)
100	DMS_INITIALIZED	NOT NULL	NUMBER (1, 0)
110	COMM_STATUS	NOT NULL	NUMBER (1, 0)
120	LAST_CONTACT_TIME	NULL	DATE
130	SHORT_ERROR_STATUS	NOT NULL	NUMBER (5, 0)
140	STATUS_CHANGE_TIME	NULL	DATE
150	STATUS_LOG_DATE	NULL	DATE
160	LAST_ATTEMPTED_POLL_TIME	NULL	DATE
170	CURRENT_MESSAGE_TEXT	NULL	VARCHAR2 (1024)

Primary Key

Name	Column
DS_PK	DMS_DEVICE_ID

Foreign Keys

DS_DMS_FK

DMS_DEVICE_ID references DMS.DEVICE_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Table Name : DMS_STATUS Alias : DS
 Display Title : Dms Status

Object Type:

Comment :

Check Constraints

Name	Where Validate Clause
BEACON_STATE_CK	beacon_state in (0,1)
COMM_STATUS_CK	comm_status between 0 and 2
DMS_DEVICE_STATE_CODE_CK	device_state_code between 0 and 2
DMS_INITIALIZED_CK	dms_initialized in (0,1)
PIXEL_TEST_CK	pixel_test in (0,1)
SHORT_ERROR_STATUS_CK	short_error_status between 0 and 65535

Column Detail

10	DMS_DEVICE_ID	TMDD 3701 - A unique alphanumeric device identifier. Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ; A unique alphanumeric DMS device identifier.
	Notes	TMDD 3701 DEVICE_Device_identifier
60	CEN_CENTER_ID	TMDD 3217 - Unique identifier of Center. Corba Hex key. Optional ? :Yes ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ; A number which uniquely identifies an organization's Center (transportation, emergency management, public safety, etc.) within a region.
	Notes	TMDD 3217 ORGANIZATION.RESOURCE_Center_identifier
70	DEVICE_STATE_CODE	Local - Indicates whether the device is online, offline, etc. Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ; Indicates whether the device is online, offline, etc.
	Notes	Local
80	BEACON_STATE	NTCIP 2.6.1.1.1.8.6 - Indicates if connected beacon(s) are activated. Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ; Indicates if connected beacon(s) are activated. FALSE (0) = Beacon(s) are Disabled ; TRUE (1) = Beacon(s) are Enabled.
	Notes	NTCIP 2.6.1.1.1.8.6
90	PIXEL_TEST	Local - The DMS is performing a pixel test. Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ; The DMS is performing a pixel test.
	Notes	Local

Table Name : DMS_STATUS Alias : DS
 Display Title : Dms Status

Object Type:

Comment :

Column Detail

100 DMS_INITIALIZED
 Local - Specifies whether the DMS is initialized.
 Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Specifies whether the DMS is initialized.
 Notes Local

110 COMM_STATUS
 Local - Specifies the status of comms.
 Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Specifies the status of comms.
 Notes Local

120 LAST_CONTACT_TIME
 Local - Specifies the date/time a device was last contacted.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Specifies the date/time a device was last contacted.
 Notes Local

130 SHORT_ERROR_STATUS
 NTCIP 2.11.2.1.1.1 - A bitmap of summary errors.
 Optional ? :No ; Number (5, 0) ;() ; ; Uppercase ? :No ;
 A bitmap of summary errors.
 Notes NTCIP 2.11.2.1.1.1

140 STATUS_CHANGE_TIME
 Local - Date/Time of last status change.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Date/Time of last status change.
 Notes Local

150 STATUS_LOG_DATE
 Local - The date of the last status log update.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 The date of the last status log update.
 Notes Local

160 LAST_ATTEMPTED_POLL_TIME
 Local - Specifies the date/time since the last attempted poll of the device.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Specifies the date/time since the device was last contacted.
 Notes Local

170 CURRENT_MESSAGE_TEXT
 Local - Text of the current message.

Table Name : DMS_STATUS Alias : DS
 Display Title : Dms Status

Object Type:
Comment :

Column Detail

Optional ? :Yes ; Varchar2 (1024) ;() ; Uppercase ? :No ;
Text of the current message.
Notes NTCIP 2.6.1.1.1.8.3

Table Name : EVENT

Alias : EVENT

Display Title : Event

Object Type:

Comment :

Description : Contains various types of operational events and actions.

Volumes

Start Rows : 2000

End Rows : 2000

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	EVENT_ID	NOT NULL	CHAR (32)
2	LANE_CONFIG_ID	NULL	CHAR (32)
8	DB_CODE	NULL	VARCHAR2 (1)
9	EVENT_CODE	NOT NULL	NUMBER (3, 0)
10	EORS_TRACKING_NUMBER	NULL	VARCHAR2 (255)
11	CEN_CENTER_ID	NULL	CHAR (32)
16	CEN_ORIGINATING_CENTER_ID	NOT NULL	CHAR (32)
18	COUNTY_CODE	NULL	NUMBER (3, 0)
19	PRIMARY_FLAG	NULL	NUMBER (1, 0)
20	LICENSE_PLATE_INFO	NULL	VARCHAR2 (52)
21	VEHICLE_INFO	NULL	VARCHAR2 (40)
22	OFFLINE_IND	NULL	NUMBER (1, 0)
23	MAX_QUEUE_LENGTH	NULL	NUMBER (5, 0)
24	EVENT_STATUS_CODE	NULL	NUMBER (3, 0)
25	DIRECTION_CODE	NOT NULL	NUMBER (3, 0)
26	SCENE_CLEARED_TIMESTAMP	NULL	DATE
27	DELAY_CLEARED_TIMESTAMP	NULL	DATE
28	CONFIRMED_TIMESTAMP	NULL	DATE
29	FALSE_ALARM_IND	NULL	NUMBER (1, 0)
30	EVENT_CLOSED_DATE	NULL	DATE
31	EVENT_OPEN_DATE	NULL	DATE
32	SOURCE_CODE	NOT NULL	NUMBER (3, 0)
33	HAZMAT_CODE	NULL	NUMBER (1, 0)
34	INCIDENT_CODE	NULL	NUMBER (3, 0)
35	WEATHER_CLEANUP_INDICATOR	NULL	NUMBER (1, 0)
36	WEATHER_EVACUATION_INDICATOR	NULL	NUMBER (1, 0)
37	PAVEMENT_CONDITION_CODE	NULL	NUMBER (3, 0)
38	UPDATED_TIMESTAMP	NULL	DATE
39	OTHER_DESCRIPTION	NULL	VARCHAR2 (60)
40	DESCRIPTION	NULL	VARCHAR2 (256)

Table Name : EVENT

Alias : EVENT

Display Title : Event

Object Type:

Comment :

<u>Col.</u>	<u>Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
41		SOURCE_DESCRIPTION	NULL	VARCHAR2 (60)
42		LOCATION_TEXT	NULL	VARCHAR2 (1024)
47		LANE_STATE_DESCRIPTION	NULL	VARCHAR2 (1024)

Primary Key

<u>Name</u>	<u>Column</u>
EVENT_PK	EVENT_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
EVENT_LANE_CONFIG_ID_UK	LANE_CONFIG_ID

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
COUNTY_CODE_CK	county_code between 0 and 255
EVENT_CODE_CK	event_code between 0 and 255
EVENT_DIRECTION_CODE_CK	direction_code between 0 and 255
EVENT_STATUS_CODE_CK	event_status_code between 0 and 255
FALSE_ALARM_IND_CK	false_alarm_ind in (0,1)
HAZMAT_CODE_CK	hazmat_code in (0,1)
INCIDENT_CODE_CK	incident_code between 0 and 255
OFFLINE_IND_CK	offline_ind in (0,1)
PAVEMENT_CONDITION_CODE_CK	pavement_condition_code between 0 and 4
PRIMARY_FLAG	primary_flag in (0,1)
SOURCE_CODE_CK	source_code between 0 and 255
WEATHER_CLEANUP_IND_CK	weather_cleanup_indicator in (0,1)
WEATHER_EVACUATION_IND_CK	weather_evacuation_indicator in (0,1)

Table Name : EVENT Alias : EVENT
 Display Title : Event

Object Type:

Comment :

Column Detail

- 1 EVENT_ID
 TMDD 3215 - A unique alphanumeric identifier created by a TMC.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric identifier created by a TMC which corresponds to a
 roadway event.
 Notes TMDD 3215 EVENT_Identifier_identifier
- 2 LANE_CONFIG_ID
 Local - A unique alphanumeric identifier for the current Lane configuration.
 Optional ? :Yes ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric identifier for the current Lane configuration.
 Notes Local
- 8 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local
- 9 EVENT_CODE
 TMDD 3211 - A code which identifies the type of event.
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE_CODE ; Uppercase ? :No ;
 A code which identifies the type of event. Values greater than 5 are CHART II
 defined.
 Notes TMDD 3211 EVENT_DescriptionTypeEvent_code
- 10 EORS_TRACKING_NUMBER
 Local - Unique identifier from EORS for a planned closure.
 Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
 Unique identifier from EORS for a planned closure.
 Notes Local
- 11 CEN_CENTER_ID
 TMDD 3217 - Unique identifier of Center. Corba Hex key.
 Optional ? :Yes ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A number which uniquely identifies an organization's Center (transportation,
 emergency management, public safety, etc.) within a region.
 Notes TMDD 3217 ORGANIZATION.RESOURCE_Center_identifier
- 16 CEN_ORIGINATING_CENTER_ID
 TMDD 3217 - Unique identifier of Center that created this Event. Corba Hex key..
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A number which uniquely identifies the Center (transportation, emergency
 management, public safety, etc.) that the user was logged into when the Event
 was opened.

Table Name : EVENT Alias : EVENT
 Display Title : Event
 Object Type:
 Comment :

Column Detail

Notes	TMDD 3217 ORGANIZATION.RESOURCE_Center_identifier
18 COUNTY_CODE	
Local - Specifies the county or state in which the Event occurred.	
Optional ? :Yes ; Number (3, 0) ;() ; Domain :TYPE CODE ; Uppercase ? :No ;	
Specifies the county or state in which the Event occurred.	
Notes	Local
19 PRIMARY_FLAG	
Local - Indicates whether an Event is primary or secondary.	
Optional ? :Yes ; Number (1, 0) ;() ; Uppercase ? :No ;	
Indicates whether an Event is primary or secondary with regard to an associated event.	
Notes	Local
20 LICENSE_PLATE_INFO	
Local - License Plate number and State of issue for the disabled vehicle.	
Optional ? :Yes ; Varchar2 (52) ;() ; Uppercase ? :No ;	
Specifies the License Plate number and State of issue for the disabled vehicle.	
Notes	Local
21 VEHICLE_INFO	
Local - Specifies the make and color of the disabled vehicle.	
Optional ? :Yes ; Varchar2 (40) ;() ; Uppercase ? :No ;	
Specifies the make and color of the disabled vehicle.	
Notes	Local
22 OFFLINE_IND	
Local - Indicates whether an Event can be removed from the database	
Optional ? :Yes ; Number (1, 0) ;() ; Uppercase ? :No ;	
Indicates whether an Event can be removed from the database	
Notes	Local
23 MAX_QUEUE_LENGTH	
Local - Indicates the number of meters of congestion.	
Optional ? :Yes ; Number (5, 0) ;() ; Uppercase ? :No ;	
Indicates the number of meters of congestion.	
Notes	Local
24 EVENT_STATUS_CODE	
TMDD 3313 - A code which indicates a status of the incident.	
Optional ? :Yes ; Number (3, 0) ;() ; Domain :TYPE CODE ; Uppercase ? :No ;	

Table Name : EVENT Alias : EVENT
 Display Title : Event

Object Type:
 Comment :

Column Detail

A code which indicates a status of the incident.
Notes TMDD 3313 EVENT_IncidentStatus_code

25 DIRECTION_CODE
 TMDD 3220 - A code which identifies the direction of travel.
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;
 Code for indicating direction of travel in lane for a given event.
Notes TMDD 3220 EVENT_LanesDirectionOfTravel_code

26 SCENE_CLEARED_TIMESTAMP
 TMDD 3314/3315 - The date a roadway event was cleared.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 The date a roadway event was cleared, activities were completed, and roadway is recovering.
Notes TMDD 3314/3315
 EVENT_TimelineClearedAndRecovering_date/EVENT_TimelineClearedAndRecovering_utc

27 DELAY_CLEARED_TIMESTAMP
 Local - The date the delay caused by a roadway event was cleared.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 The date the delay caused by a roadway event was cleared.
Notes Local

28 CONFIRMED_TIMESTAMP
 TMDD 3316/3317 - The date a roadway event was initially confirmed.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 The date a roadway event was initially confirmed and associated activities (incident response, construction, etc.) were started.
Notes TMDD 3316/3317
 EVENT_TimelineConfirmedAndResponding_date/EVENT_TimelineConfirmedAndResponding_utc

29 FALSE_ALARM_IND
 Local - Indicates whether an Event was a false alarm.
 Optional ? :Yes ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Indicates whether an Event was a false alarm.
Notes Local

30 EVENT_CLOSED_DATE
 TMDD 3277/3278 - The actual end date of a roadway event.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 The actual end date of a roadway event.
Notes TMDD 3277/3278 EVENT_TimelineEnd_date/EVENT_TimelineEnd_utc

Table Name : EVENT Alias : EVENT
 Display Title : Event

Object Type:
 Comment :

Column Detail

31 EVENT_OPEN_DATE
 TMDD 3290/3291 - The actual start date of a roadway event.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 The actual start date of a roadway event. This also includes the time at which
 an incident is detected.
Notes TMDD 3290/3291 EVENT_TimelineStart_date/EVENT_TimelineStart_utc

32 SOURCE_CODE
 TMDD 3302 - An indicator of how a roadway event was detected.
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;
 An indicator of how a roadway event was detected.
Notes TMDD 3302

33 HAZMAT_CODE
 Local - Indicates whether an event involves hazmat.
 Optional ? :Yes ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Indicates whether an event involves hazmat.
Notes Local

34 INCIDENT_CODE
 TMDD 3212 - A code which represents the type of incident roadway event.
 Optional ? :Yes ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;
 A code which represents the type of incident roadway event.
Notes TMDD 3212 EVENT_DescriptionTypeIncident_code

35 WEATHER_CLEANUP_INDICATOR
 Local - Indicates whether cleanup was required for a weather event.
 Optional ? :Yes ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Indicates whether cleanup was required for a weather event.
Notes Local

36 WEATHER_EVACUATION_INDICATOR
 Local - Indicates whether an evacuation was required for a weather event.
 Optional ? :Yes ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Indicates whether an evacuation was required for a weather event.
Notes Local

37 PAVEMENT_CONDITION_CODE
 Local - Specifies the condition of the pavement, i.e., wet.
 Optional ? :Yes ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;
 Specifies the condition of the pavement, i.e., wet.
Notes Local

38 UPDATED_TIMESTAMP

Table Name : EVENT Alias : EVENT
 Display Title : Event

Object Type:
 Comment :

Column Detail

Local - Date the record was updated.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Local - Date the record was updated.

Notes Local

39 OTHER_DESCRIPTION
 Local - Describes the Action, Weather, or Disable Vehicle event.
 Optional ? :Yes ; Varchar2 (60) ;() ; ; Uppercase ? :No ;
 Describes the Action, Weather, or Disable Vehicle event.

Notes Local

40 DESCRIPTION
 TMDD 3209 - Describes the event.
 Optional ? :Yes ; Varchar2 (256) ;() ; ; Uppercase ? :No ;
 A textual description of a roadway event (incident, planned roadway closure, or special event).
Notes TMDD 3209 EVENT_Description_text

41 SOURCE_DESCRIPTION
 Local - Describes the Source of the event.
 Optional ? :Yes ; Varchar2 (60) ;() ; ; Uppercase ? :No ;
 Describes the Source of the event.

Notes Local

42 LOCATION_TEXT
 Local - Describes the location of the event.
 Optional ? :Yes ; Varchar2 (1024) ;() ; ; Uppercase ? :No ;
 Describes the location of the event.

Notes Local

47 LANE_STATE_DESCRIPTION
 Local - Provides extra information regarding the Lane State configuration for the event.
 Optional ? :Yes ; Varchar2 (1024) ;() ; ; Uppercase ? :No ;
 Provides extra information regarding the Lane State configuration for the event.

Notes Local

Table Name : EVENT_HISTORY Alias : EH
 Display Title : Event History

Object Type:

Comment :

Description : Contains the history of the event.

Volumes

Start Rows : 45000 End Rows : 45000

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	LOG_ENTRY_ID	NOT NULL	CHAR (32)
20	EVENT_EVENT_ID	NOT NULL	CHAR (32)
30	DB_CODE	NULL	VARCHAR2 (1)
40	SYSTEM_TIMESTAMP	NOT NULL	DATE
50	USER_TIMESTAMP	NOT NULL	DATE
60	SOURCE_CODE	NOT NULL	NUMBER (3, 0)
65	CEN_CENTER_ID	NOT NULL	CHAR (32)
70	CENTER_NAME	NOT NULL	VARCHAR2 (16)
80	AUTHOR	NOT NULL	VARCHAR2 (128)
90	HOST_NAME	NOT NULL	VARCHAR2 (255)
100	ACTION_CODE	NULL	NUMBER (3, 0)
110	UPDATED_TIMESTAMP	NULL	DATE
120	DEVICE_ID	NULL	CHAR (32)
125	DEVICE_NAME	NULL	VARCHAR2 (15)
130	BEACON_STATE	NULL	NUMBER (1, 0)
135	LOG_SEQ	NOT NULL	NUMBER (10, 0)
140	SOURCE_DESCRIPTION	NULL	VARCHAR2 (60)
200	LOG_TEXT	NOT NULL	VARCHAR2 (2048)

Primary Key

Name	Column
EH_PK	EVENT_EVENT_ID LOG_ENTRY_ID

Foreign Keys

EH_EVENT_FK

EVENT_EVENT_ID references	EVENT.EVENT_ID
Transferable ? Yes	Update Rule : Restricted
Mandatory ? Yes	Delete Rule : Cascades

Table Name : EVENT_HISTORY Alias : EH
 Display Title : Event History

Object Type:
 Comment :

Check Constraints

Name	Where Validate Clause
EH_ACTION_CODE_CK	action_code between 0 and 255
EH_BEACON_STATE_CK	beacon_state in (0,1)
EH_SOURCE_CODE_CK	source_code between 0 and 255

Index Summary

Name	Seq.	Column	Index Type
EH_EVENT_FK_I	1	EVENT_EVENT_ID	NOT UNIQUE

Table Name : EVENT_HISTORY Alias : EH
 Display Title : Event History

Object Type:

Comment :

Column Detail

10	LOG_ENTRY_ID	Local - Unique identifier for Event History Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ; Unique identifier for Event History
	Notes	Local
20	EVENT_EVENT_ID	TMDD 3215 - A unique alphanumeric identifier created by a TMC. Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ; A unique alphanumeric identifier created by a TMC which corresponds to a roadway event.
	Notes	TMDD 3215 EVENT_Identifier_identifier
30	DB_CODE	Local - Unique identifier for the database. Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ; Unique identifier for the database.
	Notes	Local
40	SYSTEM_TIMESTAMP	Local - The date and time the event item was stored in the database. Optional ? :No ; Date ;() ; Uppercase ? :No ; The date and time the event item was stored in the database.
	Notes	Local
50	USER_TIMESTAMP	TMDD 3292/3294 - The date a log was last modified for an event. Optional ? :No ; Date ;() ; Uppercase ? :No ; The date a log was last modified for a specific event.
	Notes	TMDD 3292/3294 EVENT_Update_date/EVENT_Update_utc
60	SOURCE_CODE	TMDD 3302 - An indicator of how a roadway event was detected. Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE_CODE ; Uppercase ? :No ; An indicator of how a roadway event was detected.
	Notes	TMDD 3302
65	CEN_CENTER_ID	TMDD 3217 - Unique identifier of Center. Corba Hex key. Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ; A number which uniquely identifies an organization's Center (transportation, emergency management, public safety, etc.) within a region.
	Notes	TMDD 3217 ORGANIZATION.RESOURCE_Center_identifier

Table Name : EVENT_HISTORY Alias : EH
 Display Title : Event History

Object Type:

Comment :

Column Detail

70 CENTER_NAME
 TMDD 3355 - Controlling center name.
 Optional ? :No ; Varchar2 (16) ;() ; ; Uppercase ? :No ;
 A name which identifies an organization's Controlling Center (transportation, emergency management, public safety, etc.) within a region.
 Notes TMDD 3355 ORGANIZATION.RESOURCE_CenterName_text

80 AUTHOR
 TMDD 3330 - The name of the person who entered the record.
 Optional ? :No ; Varchar2 (128) ;() ; ; Uppercase ? :No ;
 The name or identifier of the person who entered the
 EVENT_DescriptionNotesAndComments_text. Also can be the system name if
 automatically created by the system.
 Notes TMDD 3330 EVENT_DescriptionNotesAndCommentsAuthor_text

90 HOST_NAME
 Local - Name of user's workstation.
 Optional ? :No ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
 Name of user's workstation.
 Notes Local

100 ACTION_CODE
 Local - Action taken for this occurrence of the event history, such as set DMS or set HAR.
 Optional ? :Yes ; Number (3, 0) ;() ; ; Domain :TYPE_CODE ; Uppercase ? :No ;
 Action taken for this occurrence of the event history, such as set DMS or set HAR. List is predefined.
 Notes Local

110 UPDATED_TIMESTAMP
 Local - Date the record was updated.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Local - Date the record was updated.
 Notes Local

120 DEVICE_ID
 TMDD 3701 - A unique alphanumeric device identifier.
 Optional ? :Yes ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric device identifier.
 Notes TMDD 3701 DEVICE_Device_identifier

125 DEVICE_NAME
 Local - Specifies the name of the Device.
 Optional ? :Yes ; Varchar2 (15) ;() ; ; Uppercase ? :No ;
 Specifies the name of the Device.

Table Name : EVENT_HISTORY Alias : EH
 Display Title : Event History

Object Type:

Comment :

Column Detail

	Notes	Local
130 BEACON_STATE	NTCIP 2.6.1.1.8.6 - Indicates if connected beacon(s) are activated. Optional ? :Yes ; Number (1, 0) ;() ; Uppercase ? :No ; Indicates if connected beacon(s) are activated. FALSE (0) = Beacon(s) are Disabled ; TRUE (1) = Beacon(s) are Enabled.	
	Notes	NTCIP 2.6.1.1.8.6
135 LOG_SEQ	Local - sequence number for ordering the log entries. Optional ? :No ; Number (10, 0) ;() ; Uppercase ? :No ; Sequence number for ordering the log entries.	
	Notes	Local
140 SOURCE_DESCRIPTION	Local - Describes the Source of the event history item. Optional ? :Yes ; Varchar2 (60) ;() ; Uppercase ? :No ; Describes the Source of the event history item.	
	Notes	Local
200 LOG_TEXT	TMDD 3210 - Ancillary textual notes or comments. Optional ? :No ; Varchar2 (2048) ;() ; Uppercase ? :No ; Ancillary textual notes or comments supplemental to the description of a specific roadway event.	
	Notes	TMDD 3210 EVENT_DescriptionNotesAndComments_text

Table Name : EVENT_PARTICIPANT Alias : EP
 Display Title : Event_participant

Object Type:

Comment :

Description : Contains the list of CHART Units and other vehicle resources.

Volumes

Start Rows : 1500 End Rows : 1500

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	CEN_CENTER_ID	NOT NULL	CHAR (32)
4	RT_RCT_RESOURCE_CATEGORY_CODE	NOT NULL	NUMBER (3, 0)
5	RT_RESOURCE_CODE	NOT NULL	NUMBER (10, 0)
15	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
EP_PK	CEN_CENTER_ID RT_RCT_RESOURCE_CATEGORY_CODE RT_RESOURCE_CODE

Foreign Keys

EP_RT_FK

RT_RCT_RESOURCE_CATEGORY_CODE references
 RESOURCE_TYPE.RCT_RESOURCE_CATEGORY_CODE
 RT_RESOURCE_CODE references RESOURCE_TYPE.RESOURCE_CODE
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
EP_RT_FK_I	1	RT_RCT_RESOURCE_CATEGORY_CODE	NOT UNIQUE
EP_RT_FK_I	2	RT_RESOURCE_CODE	NOT UNIQUE

Table Name : EVENT_PARTICIPANT Alias : EP
 Display Title : Event_participant
 Object Type:
 Comment :

Column Detail

1 CEN_CENTER_ID
 TMDD 3217 - Unique identifier of Center. Corba Hex key.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 CORBA hex key for the Center.
Notes TMDD 3217 ORGANIZATION.RESOURCE_Center_identifier

4 RT_RCT_RESOURCE_CATEGORY_CODE
 Local - Specifies a numeric code of up to three digits for the resource category.
 Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE_CODE ; Uppercase ? :No ;
 Specifies a numeric code of up to three digits for the resource category.
Notes Local

5 RT_RESOURCE_CODE
 Local - Specifies a numeric code of up to three digits for the resource type.
 Optional ? :No ; Number (10, 0) ;() ; Domain :TYPE_CODE ; Uppercase ? :No ;
 Specifies a numeric code of up to three digits for the resource type.
Notes Local

15 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
 Unique identifier for the database.
Notes Local

Table Name : EVENT_RESOURCE Alias : ER
 Display Title : Event Resource

Object Type:

Comment :

Description : Contains the resources associated with a given incident and their status.

Volumes

Start Rows : 4000 End Rows : 4000

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
1	RESOURCE_ID	NOT NULL	CHAR (32)
10	EVENT_EVENT_ID	NOT NULL	CHAR (32)
30	DB_CODE	NULL	VARCHAR2 (1)
60	RT_RESOURCE_CODE	NOT NULL	NUMBER (10, 0)
70	RT_RCT_RESOURCE_CATEGORY_CODE	NOT NULL	NUMBER (3, 0)
80	OBJECT_TYPE_CODE	NULL	NUMBER (3, 0)
90	PARTICIPANT_NAME	NULL	VARCHAR2 (60)
100	NOTIFIED_TIMESTAMP	NULL	DATE
110	RESPONDED_TIMESTAMP	NULL	DATE
120	DEPARTURE_TIMESTAMP	NULL	DATE
130	CREATED_TIMESTAMP	NULL	DATE
140	UPDATED_TIMESTAMP	NULL	DATE

Primary Key

Name	Column
ER_PK	RESOURCE_ID

Foreign Keys

ER_EVENT_FK

EVENT_EVENT_ID references EVENT.EVENT_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

ER_RT_FK

RT_RCT_RESOURCE_CATEGORY_CODE references
 RESOURSE_TYPE.RCT_RESOURCE_CATEGORY_CODE
 RT_RESOURCE_CODE references RESOURSE_TYPE.RESOURSE_CODE
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Table Name : EVENT_RESOURCE Alias : ER
 Display Title : Event Resource

Object Type:
 Comment :

Check Constraints

Name	Where Validate Clause
OBJECT_TYPE_CODE_CK	object_type_code in (0,1)

Index Summary

Name	Seq.	Column	Index Type
ER_EVENT_FK_I	1	EVENT_EVENT_ID	NOT UNIQUE
ER_RT_FK_I	1	RT_RCT_RESOURCE_CATEGORY_C	NOT UNIQUE
ER_RT_FK_I	2	RT_RESOURCE_CODE	NOT UNIQUE

Table Name : EVENT_RESOURCE Alias : ER
 Display Title : Event Resource

Object Type:

Comment :

Column Detail

1 RESOURCE_ID
 Local - Unique internal hex key identifier.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 Notes TMDD 3361 - ORGANIZATION.RESOURCE_Resource_identifier

10 EVENT_EVENT_ID
 TMDD 3215 - A unique alphanumeric identifier created by a TMC.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric identifier created by a TMC which corresponds to a
 roadway event.
 Notes TMDD 3215 EVENT_Identifier_identifier

30 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

60 RT_RESOURCE_CODE
 Local - Specifies a numeric code of up to three digits for the resource type.
 Optional ? :No ; Number (10, 0) ;() ; Domain :TYPE_CODE ; Uppercase ? :No ;
 Specifies a numeric code of up to three digits for the resource type.
 Notes Local

70 RT_RCT_RESOURCE_CATEGORY_CODE
 Local - Specifies a numeric code of up to three digits for the resource
 category.
 Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE_CODE ; Uppercase ? :No ;
 Specifies a numeric code of up to three digits for the resource category.
 Notes Local

80 OBJECT_TYPE_CODE
 Local - Specifies whether the resource is an organization participant or
 deployed resource.
 Optional ? :Yes ; Number (3, 0) ;() ; Uppercase ? :No ;
 Specifies whether the resource is an organization participant or deployed
 resource.
 Notes Local

90 PARTICIPANT_NAME
 Local - The name of the dispatched unit or participating organization.
 Optional ? :Yes ; Varchar2 (60) ;() ; Uppercase ? :No ;
 The name of the dispatched unit or participating organization.
 Notes Local

Table Name : EVENT_RESOURCE Alias : ER
 Display Title : Event Resource

Object Type:
Comment :

Column Detail

100 NOTIFIED_TIMESTAMP
Local - Specifies the date the resource was notified.
Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
Specifies the date and time the resource was notified of their need.
Notes Local

110 RESPONDED_TIMESTAMP
Local - Specifies the date and time the resource responded.
Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
Specifies the date and time the resource responded.
Notes Local

120 DEPARTURE_TIMESTAMP
Local - Specifies the date and time of departure for the resource.
Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
Specifies the date and time of departure for the resource.
Notes Local

130 CREATED_TIMESTAMP
Local - Date the record was created.
Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
Date the record was created.
Notes Local

140 UPDATED_TIMESTAMP
Local - Date the record was updated.
Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
Local - Date the record was updated.
Notes Local

Table Name : FONT Alias : FONT
 Display Title : Font

Object Type:
 Comment :

Description : Contains the information needed to configure/define a particular font.
 User/Help Text Contains the information needed to configure/define a particular font.
 :

Volumes

Start Rows : 100 End Rows : 100

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	FONT_ID	NOT NULL	NUMBER (5, 0)
2	FONT_WIDTH	NOT NULL	NUMBER (3, 0)
3	FONT_HEIGHT	NOT NULL	NUMBER (3, 0)
4	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
FONT_PK	FONT_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
FONT_DIMENSION_UK	FONT_HEIGHT FONT_WIDTH

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
FONT_HEIGHT_CK	font_height between 0 and 255
FONT_ID_CK	font_id between 0 and 65535
FONT_WIDTH_CK	font_width between 0 and 255

Table Name : FONT Alias : FONT
 Display Title : Font

Object Type:

Comment :

Column Detail

- 1 FONT_ID
 NTCIP 2.4.1.1.2.2 - The unique internal identifier of the Font.
 Optional ? :No ; Number (5, 0) ;() ; ; Uppercase ? :No ;
 The unique internal identifier of the Font.
 Notes NTCIP 2.4.1.1.2.2
- 2 FONT_WIDTH
 NTCIP 2.4.1.1.4.2 - Indicates the width of this character in pixels.
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Indicates the width of this character in pixels. A width of zero (0) indicates
 this row is invalid.
 Notes NTCIP 2.4.1.1.4.2
- 3 FONT_HEIGHT
 NTCIP 2.4.1.1.2.4 - Indicates the height of the font in pixels.
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Indicates the height of the font in pixels. Setting this object to zero (0)
 invalidates this font row.
 Notes NTCIP 2.4.1.1.2.4
- 4 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

Table Name : FUNCTIONAL_RIGHT Alias : FR
 Display Title : Functional Right

Object Type:
 Comment :

Description : Table of functional capabilities allowed for operators of the system.

Volumes

Start Rows : 200 End Rows : 200

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	FR_ID	NOT NULL	NUMBER (5 , 0)
2	FR_NAME	NOT NULL	VARCHAR2 (32)
3	FR_DESCRIPTION	NULL	VARCHAR2 (255)
4	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
FR_PK	FR_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
FR_NAME_UK	FR_NAME

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
FR_ID_CK	fr_id between 0 and 65535

Table Name : FUNCTIONAL_RIGHT Alias : FR
 Display Title : Functional Right

Object Type:

Comment :

Column Detail

1 FR_ID
 Local - Unique identifier Functional Right table.
 Optional ? :No ; Number (5, 0) ;() ; ; Uppercase ? :No ;
 The unique internal identifier for the Functional Right within the CHART2
 system. Generated by the application server.
 Notes Local

2 FR_NAME
 Local - Name of functional right.
 Optional ? :No ; Varchar2 (32) ;() ; ; Uppercase ? :No ;
 Name of functional right.
 Notes Local

3 FR_DESCRIPTION
 Local - Description of functional right.
 Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
 Description of functional right.
 Notes Local

4 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

Table Name : HAR Alias : HAR
 Display Title : Har

Object Type:
 Comment :

Description : Configuration information relative to a Highway Advisory Radio (HAR) including location and communications information.

Volumes

Start Rows : 50 End Rows : 50

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	DEVICE_ID	NOT NULL	CHAR (32)
2	HAR_MODEL_ID	NOT NULL	NUMBER (5, 0)
3	ORG_ORGANIZATION_ID	NOT NULL	CHAR (32)
4	DB_CODE	NULL	VARCHAR2 (1)
5	DEVICE_NAME	NOT NULL	VARCHAR2 (15)
6	DEVICE_LOCATION	NOT NULL	VARCHAR2 (60)
7	HAR_ACCESS_PIN	NOT NULL	VARCHAR2 (7)
8	DEFAULT_PHONE_NUMBER	NOT NULL	VARCHAR2 (25)
9	DEFAULT_MONITOR_PHONE_NUMBER	NULL	VARCHAR2 (25)
10	MAX_TIME	NULL	NUMBER (5, 0)
11	PORT_TYPE	NOT NULL	NUMBER (1, 0)
12	PORT_MANAGER_TIMEOUT	NOT NULL	NUMBER (10, 0)
13	MONITOR_PORT_TYPE	NULL	NUMBER (1, 0)
14	MONITOR_PORT_MANAGER_TIMEOUT	NULL	NUMBER (10, 0)
15	DEFAULT_HEADER_CLIP_PK	NOT NULL	NUMBER (20, 0)
16	DEFAULT_BODY_CLIP_PK	NOT NULL	NUMBER (20, 0)
17	DEFAULT_TRAILER_CLIP_PK	NOT NULL	NUMBER (20, 0)
18	CREATED_TIMESTAMP	NULL	DATE
19	UPDATED_TIMESTAMP	NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
HAR_PK	DEVICE_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
HAR_NAME_UK	DEVICE_NAME

Table Name : HAR Alias : HAR
 Display Title : Har
 Object Type:
 Comment :

Check Constraints

Name	Where Validate Clause
HAR_MODEL_ID_CK	har_model_id between 0 and 65535
HAR_MONITOR_PORT_MNGR_T_0_CK	monitor_port_manager_timeout between 0 and 2147483647
HAR_MONITOR_PORT_TYPE_CK	monitor_port_type between 0 and 3
HAR_PORT_MANAGER_TIMEOUT_CK	port_manager_timeout between 0 and 2147483647
HAR_PORT_TYPE_CK	port_type between 0 and 3

Column Detail

1	DEVICE_ID	TMDD 3701 - A unique alphanumeric device identifier. Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ; A unique alphanumeric device identifier.
	Notes	TMDD 3701 DEVICE_Device_identifier
2	HAR_MODEL_ID	Local - Indicates the HAR device model in numeric format. Optional ? :No ; Number (5, 0) ;() ; Uppercase ? :No ; Indicates the HAR device model in numeric format.
	Notes	Local
3	ORG_ORGANIZATION_ID	TMDD 3343 - Unique identifier of organization. CORBA hex key. Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ; A unique identifier for an organization with a region. CORBA hex key.
	Notes	TMDD 3343 ORGANIZATION.CONTACT_Organization_identifier
4	DB_CODE	Local - Unique identifier for the database. Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ; Unique identifier for the database.
	Notes	Local
5	DEVICE_NAME	Local - Specifies the name of the Device. Optional ? :No ; Varchar2 (15) ;() ; Uppercase ? :No ; Specifies the name of the Device.
	Notes	Local
6	DEVICE_LOCATION	Local - Specifies the location of the device.

Table Name : HAR Alias : HAR
 Display Title : Har

Object Type:
 Comment :

Column Detail

Optional ? :No ; Varchar2 (60) ;() ; ; Uppercase ? :No ;
 Specifies the location of the device.

Notes Local

7 HAR_ACCESS_PIN
 Local - PIN for accessing the HAR.
 Optional ? :No ; Varchar2 (7) ;() ; ; Uppercase ? :No ;
 PIN for accessing the HAR.

Notes Local

8 DEFAULT_PHONE_NUMBER
 Local - Specifies the phone number for connecting to the device.
 Optional ? :No ; Varchar2 (25) ;() ; ; Uppercase ? :No ;
 Specifies the phone number for connecting to the device.

Notes Local

9 DEFAULT_MONITOR_PHONE_NUMBER
 Local - The phone number for the HAR monitor line.
 Optional ? :Yes ; Varchar2 (25) ;() ; ; Uppercase ? :No ;
 The phone number for the HAR monitor line.

Notes Local

10 MAX_TIME
 Local - Specifies the maximum length of time for a complete HAR message in seconds.
 Optional ? :Yes ; Number (5, 0) ;() ; ; Uppercase ? :No ;
 Specifies the maximum length of time for a complete HAR message in seconds.

Notes Local

11 PORT_TYPE
 Local - Specifies the type of port to use for this device.
 Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Specifies the type of port to use for this device.

Notes Local

12 PORT_MANAGER_TIMEOUT
 Local - Duration, specified in seconds, that the software will wait for a port to become available at each selected port manager.
 Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
 Duration, specified in seconds, that the software will wait for a port to become available at each selected port manager.

Notes Local

13 MONITOR_PORT_TYPE

Table Name : HAR Alias : HAR
 Display Title : Har

Object Type:

Comment :

Column Detail

- Local - Specifies the type of port to use to monitor this device.
 Optional ? :Yes ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Specifies the type of port to use to monitor this device.
- Notes Local
- 14 MONITOR_PORT_MANAGER_TIMEOUT
 Local - Duration, specified in seconds, that the software will wait for a port to become available at each selected port manager to monitor this device.
 Optional ? :Yes ; Number (10, 0) ;() ; ; Uppercase ? :No ;
 Duration, specified in seconds, that the software will wait for a port to become available at each selected port manager to monitor this device.
- Notes Local
- 15 DEFAULT_HEADER_CLIP_PK
 Local - Specifies the clip identifier of the default header clip.
 Optional ? :No ; Number (20, 0) ;() ; ; Uppercase ? :No ;
 Specifies the clip identifier of the default header clip.
- Notes Local
- 16 DEFAULT_BODY_CLIP_PK
 Local - Specifies the clip identifier of the default body clip.
 Optional ? :No ; Number (20, 0) ;() ; ; Uppercase ? :No ;
 Specifies the clip identifier of the default body clip.
- Notes Local
- 17 DEFAULT_TRAILER_CLIP_PK
 Local - Specifies the clip identifier of the default trailer clip.
 Optional ? :No ; Number (20, 0) ;() ; ; Uppercase ? :No ;
 Specifies the clip identifier of the default trailer clip.
- Notes Local
- 18 CREATED_TIMESTAMP
 Local - Date the record was created.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Date the record was created.
- Notes Local
- 19 UPDATED_TIMESTAMP
 Local - Date the device_name column was updated.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Date the device_name column was updated.
- Notes Local

Table Name : HAR_AUDIO_OWNER Alias : HAO
 Display Title : Har Audio Owner

Object Type:

Comment :

Description : Contains the owner(s) (Traffic Event, HAR, Response Plan Item, Arb Queue, Stored Message) for a given audio clip.

Volumes

Start Rows : 1600 End Rows : 1600

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	HCA_HAR_CLIP_AUDIO_ID	NOT NULL	CHAR (32)
2	DB_CODE	NULL	VARCHAR2 (1)
3	LAST_INTEREST_TIMESTAMP	NULL	DATE
14	OWNER_IOR	NOT NULL	VARCHAR2 (1024)

Primary Key

<u>Name</u>	<u>Column</u>
HAO_PK	HCA_HAR_CLIP_AUDIO_ID OWNER_IOR

Foreign Keys

HAO_HCA_FK

HCA_HAR_CLIP_AUDIO_ID references HAR_CLIP_AUDIO.HAR_CLIP_AUDIO_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
HAO_HCA_FK_I	1	HCA_HAR_CLIP_AUDIO_ID	NOT UNIQUE

Table Name : HAR_AUDIO_OWNER Alias : HAO
 Display Title : Har Audio Owner

Object Type:
Comment :

Column Detail

1 HCA_HAR_CLIP_AUDIO_ID
Local - A unique alphanumeric message clip identifier.
Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
A unique alphanumeric message clip identifier.
Notes Local

2 DB_CODE
Local - Unique identifier for the database.
Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
Unique identifier for the database.
Notes Local

3 LAST_INTEREST_TIMESTAMP
Local - the time that interest in the clip was last confirmed.
Optional ? :Yes ; Date ;() ; Uppercase ? :No ;
The time that interest in the clip was last confirmed.
Notes Local

14 OWNER_IOR
Local - CORBA IOR that tracks ownership of the clip.
Optional ? :No ; Varchar2 (1024) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
CORBA IOR that tracks ownership of the clip in terms of a HAR, Response Plan
Item, or Stored Message.
Notes Local

Table Name : HAR_CLIP_AUDIO Alias : HCA
 Display Title : Har Clip Audio

Object Type:

Comment :

Description : Contains the audio associated with a HAR clip.

Notes : Does not include the 500KB per row for the audio clip. This additional size needs to be factored into the size estimate.

Volumes

Start Rows : 40 End Rows : 40

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	HAR_CLIP_AUDIO_ID	NOT NULL	CHAR (32)
2	HAR_AUDIO	NOT NULL	BLOB ()
3	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
HCA_PK	HAR_CLIP_AUDIO_ID

Column Detail

1	HAR_CLIP_AUDIO_ID	Local - A unique alphanumeric message clip identifier. Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ; A unique alphanumeric message clip identifier.
2	HAR_AUDIO	Notes Local Local - Voice of HAR message. Optional ? :No ; Blob () ;() ; ; Uppercase ? :No ; Default Value :EMPTY_BLOB() ; Voice of HAR message. Both the average size and maximum size for this column is 350KB. This represents approximately 1 minute of audio.
3	DB_CODE	Notes Local Local - Unique identifier for the database. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ; Unique identifier for the database.

Table Name : HAR_MSG

Alias : HM

Display Title : Har Msg

Object Type:

Comment :

Description : Contains name of HAR message. Used to group clips together for a given message.

Volumes

Start Rows : 1000 End Rows : 1000

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	HAR_MSG_PK	NOT NULL	NUMBER (10, 0)
2	USE_HEADER	NOT NULL	NUMBER (1, 0)
3	USE_TRAILER	NOT NULL	NUMBER (1, 0)
4	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
HAR_MSG_PK	HAR_MSG_PK

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
USE_HEADER_CK	use_header in (0,1)
USE_TRAILER_CK	use_trailer in (0,1)

Table Name : HAR_MSG Alias : HM
 Display Title : Har Msg

Object Type:

Comment :

Column Detail

1 HAR_MSG_PK
 Local - Unique identifier for the HAR_MSG table.
 Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ; Sequence :HM_SEQ ;
 Oracle primary key for the HAR_MSG table. One up sequence number with alpha prefix.
 Notes Local

2 USE_HEADER
 Local - Flag that indicates whether the HAR message uses a header. 0=no, 1=yes
 Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Flag that indicates whether the HAR message uses a header. 0=no, 1=yes
 Notes Local

3 USE_TRAILER
 Local - Flag that indicates whether the HAR message uses a trailer. 0=no, 1=yes
 Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Flag that indicates whether the HAR message uses a trailer. 0=no, 1=yes
 Notes Local

4 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

Table Name : HAR_MSG_CLIP Alias : HMC
 Display Title : Har Msg Clip

Object Type:

Comment :

Description : Contains clips of HAR messages. Audio, text or prestored.

Volumes

Start Rows : 3000 End Rows : 3000

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	HAR_CLIP_PK	NOT NULL	NUMBER (20, 0)
2	HCA_HAR_CLIP_AUDIO_ID	NULL	CHAR (32)
3	CLIP_POSITION_CODE	NULL	NUMBER (3, 0)
4	RUN_LENGTH	NOT NULL	NUMBER (8, 0)
5	RUN_LENGTH_CODE	NOT NULL	NUMBER (3, 0)
6	CLIP_TYPE_CODE	NOT NULL	NUMBER (3, 0)
7	DB_CODE	NULL	VARCHAR2 (1)
8	PRESTORED_SLOT_NUMBER	NULL	NUMBER (3, 0)
9	CLIP_DESCRIPTION	NULL	VARCHAR2 (240)
10	CLIP_TEXT	NULL	CLOB ()
11	AUDIO_CLIP_MANAGER_IOR	NULL	VARCHAR2 (1024)

Primary Key

<u>Name</u>	<u>Column</u>
HMC_PK	HAR_CLIP_PK

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
CLIP_POSITION_CODE_CK	clip_position_code between 0 and 2
CLIP_RUN_LENGTH_CODE_CK	run_length_code between 0 and 2
CLIP_TYPE_CODE_CK	clip_type_code between 0 and 2

Table Name : HAR_MSG_CLIP Alias : HMC
 Display Title : Har Msg Clip

Object Type:

Comment :

Column Detail

- 1 HAR_CLIP_PK
 Local - Unique identifier for a message clip.
 Optional ? :No ; Number (20, 0) ;() ; ; Uppercase ? :No ; Sequence :MSG_CLIP_SEQ ;
 Unique identifier for a message clip.
 Notes Local
- 2 HCA_HAR_CLIP_AUDIO_ID
 Local - CORBA hex key for the associated audio clip.
 Optional ? :Yes ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 Local - CORBA hex key for the associated audio clip.
 Notes Local
- 3 CLIP_POSITION_CODE
 Local - Specifies the position within the message for this clip.
 Optional ? :Yes ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;
 Specifies the position within the message for this clip, i.e., header, body,
 trailer.
 Notes Local
- 4 RUN_LENGTH
 Local - Length of message clip in milliseconds.
 Optional ? :No ; Number (8, 0) ;() ; ; Uppercase ? :No ;
 Length of message clip in milliseconds.
 Notes Local
- 5 RUN_LENGTH_CODE
 Local - Specifies the type of run_length (estimated, unknown, actual).
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;
 Specifies the type of run_length (estimated, unknown, actual).
 Notes Local
- 6 CLIP_TYPE_CODE
 Local - Specifies the type of message clip.
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;
 Type of clip - Audio, text or prestored.
 Notes Local
- 7 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

Table Name : HAR_MSG_CLIP Alias : HMC
 Display Title : Har Msg Clip

Object Type:

Comment :

Column Detail

8 PRESTORED_SLOT_NUMBER
 Local - Prestored slot number for HAR message clip.
 Optional ? :Yes ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Prestored slot number for HAR message clip.
 Notes Local

9 CLIP_DESCRIPTION
 Local - Description of message clip.
 Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
 Description of message clip.
 Notes Local

10 CLIP_TEXT
 Local - Text of message clip.
 Optional ? :Yes ; Clob () ;() ; ; Uppercase ? :No ; Default Value :EMPTY_CLOB() ;
 Text of message clip. Sizing info is based on average message size of 750
 bytes and maximum of 3000 bytes. A message typically consists of a header
 clip, trailer clip, and body clip. Therefore, each clip averages to 250 bytes
 and maximizes to 1000 bytes.
 Notes Local

11 AUDIO_CLIP_MANAGER_IOR
 Local -CORBA IOR that identifies an Audio Clip Manager for HAR audio clip.
 Optional ? :Yes ; Varchar2 (1024) ;() ; ; Uppercase ? :No ;
 CORBA IOR that identifies an Audio Clip Manager for HAR audio clip.
 Notes Local

Table Name : HAR_NOTIFIER

Alias : HN

Display Title : Har Notifier

Object Type:

Comment :

Description : Contains the SHAZAMs or DMSs designated as notifiers for the HAR.

Volumes

Start Rows : 1000

End Rows : 1000

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
5	HAR_DEVICE_ID	NOT NULL	CHAR (32)
6	HN_DEVICE_ID	NOT NULL	CHAR (32)
11	DEVICE_CODE	NOT NULL	NUMBER (3, 0)
12	ACTIVE_INDICATOR	NOT NULL	NUMBER (1, 0)
13	DB_CODE	NULL	VARCHAR2 (1)

Primary KeyName ColumnHN_PK HAR_DEVICE_ID
HN_DEVICE_IDForeign Keys

HN_HAR_FK

HAR_DEVICE_ID references HAR.DEVICE_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
HN_ACTIVE_INDICATOR_CK	active_indicator in (0,1)
HN_DEVICE_CODE	device_code between 0 and 255

Table Name : HAR_NOTIFIER Alias : HN
 Display Title : Har Notifier
 Object Type:
 Comment :

Column Detail

5 HAR_DEVICE_ID
 TMDD 3701 - A unique alphanumeric device identifier.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric device identifier.
Notes TMDD 3701 DEVICE_Device_identifier

6 HN_DEVICE_ID
 TMDD 3701 - A unique alphanumeric device identifier.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric DMS or SHAZAM device identifier.
Notes TMDD 3701 DEVICE_Device_identifier

11 DEVICE_CODE
 TMDD 3747 - A code which specifies the type of device.
 Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE_CODE ; Uppercase ? :No ;
 A code which specifies the type of device.
Notes TMDD 3747 DEVICE_DeviceType_code

12 ACTIVE_INDICATOR
 Local - Specifies whether the Notifier is actively being used as a Notifier for
 the HAR.
 Optional ? :No ; Number (1, 0) ;() ; Uppercase ? :No ;
 Specifies whether the Notifier is actively being used as a Notifier for the
 HAR.
Notes Local

13 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
 Unique identifier for the database.
Notes Local

Table Name : HAR_PHONE_NUMBER Alias : HPN
 Display Title : Har Phone Number

Object Type:

Comment :

Description : Contains the phone numbers for each HAR.

Volumes

Start Rows : 500 End Rows : 500

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	HAR_DEVICE_ID	NOT NULL	CHAR (32)
20	PORT_MANAGER_NAME	NOT NULL	VARCHAR2 (30)
30	PHONE_NUMBER	NOT NULL	VARCHAR2 (25)
35	SORT_ORDER_NUMBER	NOT NULL	NUMBER (3, 0)
40	MONITOR_INDICATOR	NOT NULL	NUMBER (1, 0)
60	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

Name	Column
HPN_PK	HAR_DEVICE_ID PORT_MANAGER_NAME PHONE_NUMBER SORT_ORDER_NUMBER

Foreign Keys

HPN_HAR_FK

HAR_DEVICE_ID references HAR.DEVICE_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Check Constraints

Name	Where Validate Clause
MONITOR_INDICATOR_CK	monitor_indicator in (0,1)

Table Name : HAR_PHONE_NUMBER Alias : HPN
 Display Title : Har Phone Number

Object Type:

Comment :

Column Detail

10 HAR_DEVICE_ID
 TMDD 3701 - A unique alphanumeric device identifier.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric device identifier.
 Notes TMDD 3701 DEVICE_Device_identifier

20 PORT_MANAGER_NAME
 Local - Specifies the name of the Port Manager.
 Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
 Specifies the name of the Port Manager.
 Notes Local

30 PHONE_NUMBER
 Local - Specifies the phone number for connecting to the device.
 Optional ? :No ; Varchar2 (25) ;() ; ; Uppercase ? :No ;
 Specifies the phone number for connecting to the device.
 Notes Local

35 SORT_ORDER_NUMBER
 Local - Specifies the ordering of port managers for a DMS.
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Specifies the ordering of port managers for a DMS.
 Notes Local

40 MONITOR_INDICATOR
 Local - Specifies whether the phone number is for the HAR monitor line.
 Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Specifies whether the phone number is for the HAR monitor line.
 Notes Local

60 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

Table Name : HAR_SLOT_CONFIG Alias : HSC
 Display Title : Har Slot Config

Object Type:

Comment :

Description : Contains HAR slot information.

Volumes

Start Rows : 800 End Rows : 800

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	HAR_DEVICE_ID	NOT NULL	CHAR (32)
2	SLOT_NUMBER	NOT NULL	NUMBER (3, 0)
3	HMC_HAR_CLIP_PK	NOT NULL	NUMBER (20, 0)
4	SLOT_USAGE_CODE	NOT NULL	NUMBER (3, 0)
5	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
HSC_PK	HAR_DEVICE_ID SLOT_NUMBER

Foreign Keys

HSC_HAR_FK

HAR_DEVICE_ID references HAR.DEVICE_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
SLOT_USAGE_CODE_CK	slot_usage_code between 0 and 4

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
HSC_HAR_FK_I	1	HAR_DEVICE_ID	NOT UNIQUE

Table Name : HAR_SLOT_CONFIG Alias : HSC
 Display Title : Har Slot Config
 Object Type:
 Comment :

Column Detail

- 1 HAR_DEVICE_ID
 TMDD 3701 - A unique alphanumeric device identifier.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric device identifier.
Notes TMDD 3701 DEVICE_Device_identifier
- 2 SLOT_NUMBER
 Local - Identifier of the slot for the HAR.
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Identifier of the slot for the HAR.
Notes Local
- 3 HMC_HAR_CLIP_PK
 Local - A unique identifier for a message clip.
 Optional ? :No ; Number (20, 0) ;() ; ; Uppercase ? :No ;
 A unique identifier for a message clip.
Notes Local
- 4 SLOT_USAGE_CODE
 Local - Specifies the type of usage for this slot.
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE_CODE ; Uppercase ? :No ;
 Specifies the type of message in terms of default or current message, including header, body and trailer.
Notes Local
- 5 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
Notes Local

Table Name : HAR_STATUS Alias : HS
 Display Title : Har Status

Object Type:

Comment :

Description : Contains HAR status information.

Volumes

Start Rows : 50 End Rows : 50

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	HAR_DEVICE_ID	NOT NULL	CHAR (32)
20	CEN_CENTER_ID	NULL	CHAR (32)
30	DEVICE_STATE_CODE	NOT NULL	NUMBER (3, 0)
40	TRANSMITTER_STATE	NOT NULL	NUMBER (1, 0)
45	HAR_INITIALIZED	NOT NULL	NUMBER (1, 0)
50	COMM_STATUS	NOT NULL	NUMBER (1, 0)
51	LAST_CONTACT_TIME	NULL	DATE
56	STATUS_CHANGE_TIME	NULL	DATE
61	LAST_DATESTAMP_REFRESH_TIME	NULL	DATE
62	HM_HAR_MSG_PK	NOT NULL	NUMBER (10, 0)

Primary Key

Name	Column
HS_PK	HAR_DEVICE_ID

Foreign Keys

HS_HAR_FK

HAR_DEVICE_ID references HAR.DEVICE_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

HS_HM_FK

HM_HAR_MSG_PK references HAR_MSG.HAR_MSG_PK
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Table Name : HAR_STATUS Alias : HS
 Display Title : Har Status
 Object Type:
 Comment :

Check Constraints

Name	Where Validate Clause
HAR_COMM_STATUS_CK	comm_status between 0 and 2
HAR_DEVICE_STATE_CODE_CK	device_state_code between 0 and 2
HAR_INITIALIZED_CK	har_initialized in (0,1)
TRANSMITTER_STATE_CK	transmitter_state in (0,1)

Index Summary

Name	Seq.	Column	Index Type
HS_HM_FK_I	5	HM_HAR_MSG_PK	NOT UNIQUE

Column Detail

10	HAR_DEVICE_ID	TMDD 3701 - A unique alphanumeric device identifier. Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ; A unique alphanumeric device identifier.
	Notes	TMDD 3701 DEVICE_Device_identifier
20	CEN_CENTER_ID	TMDD 3217 - Unique identifier of Center. Corba Hex key. Optional ? :Yes ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ; A number which uniquely identifies an organization's Center (transportation, emergency management, public safety, etc.) within a region.
	Notes	TMDD 3217 ORGANIZATION.RESOURCE_Center_identifier
30	DEVICE_STATE_CODE	Local - Indicates whether the device is online, offline, etc. Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ; Indicates whether the device is online, offline, etc.
	Notes	Local
40	TRANSMITTER_STATE	Local - Indicates if transmitter is activated. Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ; Indicates if transmitter is activated. FALSE (0) = Transmitter is Disabled ; TRUE (1) = Transmitter is Enabled.
	Notes	Local
45	HAR_INITIALIZED	Local - Specifies whether the HAR is initialized.

Table Name : HAR_STATUS Alias : HS
 Display Title : Har Status
 Object Type:
 Comment :

Column Detail

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Specifies whether the HAR is initialized.
Notes Local

50 COMM_STATUS
 Local - Specifies the status of comms.
 Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Specifies the status of comms.
Notes Local

51 LAST_CONTACT_TIME
 Local - Specifies the time a device was last contacted.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Specifies the time a device was last contacted.
Notes Local

56 STATUS_CHANGE_TIME
 Local - Date/Time of last status change.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Date/Time of last status change.
Notes Local

61 LAST_DATESTAMP_REFRESH_TIME
 Local - Specifies the last date\time that the HAR's datestamp was successfully updated.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Specifies the last date\time that the HAR's datestamp was successfully updated.
Notes Local

62 HM_HAR_MSG_PK
 Local - Unique identifier for the HAR_MSG table.
 Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ; Sequence :HM_SEQ ;
 Oracle primary key for the HAR_MSG table. One up sequence number.
Notes Local

Table Name : INCIDENT Alias : IT
 Display Title : Incident Type

Object Type:

Comment :

Description : Contains the Incident types associated with an Event.

Volumes

Start Rows : 1000 End Rows : 1000

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	EVENT_EVENT_ID	NOT NULL	CHAR (32)
20	INCIDENT_CODE	NOT NULL	NUMBER (3, 0)
30	CREATED_TIMESTAMP	NULL	DATE
40	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

Name	Column
IT_PK	EVENT_EVENT_ID INCIDENT_CODE

Foreign Keys

IT_EVENT_FK

EVENT_EVENT_ID references EVENT.EVENT_ID	Transferable ? Yes	Update Rule : Restricted
	Mandatory ? No	Delete Rule : Cascades

Table Name : INCIDENT

Alias : IT

Display Title : Incident Type

Object Type:

Comment :

Column Detail

10 EVENT_EVENT_ID

TMDD 3215 - A unique alphanumeric identifier created by a TMC.

Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;

A unique alphanumeric identifier created by a TMC which corresponds to a roadway event.

Notes TMDD 3215 EVENT_Identifier_identifier

20 INCIDENT_CODE

TMDD 3212 - A code which represents the type of incident roadway event.

Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE_CODE ; Uppercase ? :No ;

A code which represents the type of incident roadway event.

Notes TMDD 3212 EVENT_DescriptionTypeIncident_code

30 CREATED_TIMESTAMP

Local - Date the record was created.

Optional ? :Yes ; Date ;() ; Uppercase ? :No ;

Date the record was created.

Notes Local

40 DB_CODE

Local - Unique identifier for the database.

Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;

Unique identifier for the database.

Notes Local

Table Name : INCIDENT_VEHICLES_INVOLVED Alias : IVI
 Display Title : Incident Vehicles Involved

Object Type:

Comment :

Description : Contains information on vehicles involved in an incident.

Volumes

Start Rows : 600 End Rows : 600

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	VEHICLES_INVOLVED_PK	NOT NULL	NUMBER (20, 0)
20	EVENT_EVENT_ID	NOT NULL	CHAR (32)
40	VEHICLES_INVOLVED_CODE	NOT NULL	NUMBER (3, 0)
50	VEHICLE_SUBCATEGORY_CODE	NULL	NUMBER (3, 0)
60	VEHICLE_QTY	NULL	NUMBER (3, 0)
70	CREATED_TIMESTAMP	NULL	DATE
90	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
IVI_PK	VEHICLES_INVOLVED_PK

Foreign Keys

IVI_EVENT_FK

EVENT_EVENT_ID references EVENT.EVENT_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
VEHICLES_INVOLVED_CODE_CK	vehicles_involved_code between 0 and 255
VEHICLE_SUBCATEGORY_CODE_CK	vehicle_subcategory_code in (0,1,2)

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
IVI_EVENT_FK_I	1	EVENT_EVENT_ID	NOT UNIQUE

Table Name : INCIDENT_VEHICLES_INVOLVED Alias : IVI
 Display Title : Incident Vehicles Involved

Object Type:

Comment :

Column Detail

10 VEHICLES_INVOLVED_PK
 Local - Unique identifier for the Vehicle Involved
 Optional ? :No ; Number (20, 0) ;() ; ; Uppercase ? :No ; Sequence :IVI_SEQ ;
 Unique identifier for the Vehicle Involved
 Notes Local

20 EVENT_EVENT_ID
 TMDD 3215 - A unique alphanumeric identifier created by a TMC.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric identifier created by a TMC which corresponds to a
 roadway event.
 Notes TMDD 3215 EVENT_Identifier_identifier

40 VEHICLES_INVOLVED_CODE
 TMDD 3319 - A code which indicates the types of vehicles involved.
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE_CODE ; Uppercase ? :No ;
 A code which indicates the types of vehicles involved in a verified incident.
 Notes TMDD 3319 EVENT_IncidentVehiclesInvolved_code

50 VEHICLE_SUBCATEGORY_CODE
 Local - A code which indicates the sub-category of a vehicle.
 Optional ? :Yes ; Number (3, 0) ;() ; ; Domain :TYPE_CODE ; Uppercase ? :No ;
 A code which indicates the sub-category of a vehicle.
 Notes Local

60 VEHICLE_QTY
 Local - Count of vehicles in incident per code.
 Optional ? :Yes ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Count of vehicles in incident per code.
 Notes Local

70 CREATED_TIMESTAMP
 Local - Date the record was created.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Date the record was created.
 Notes Local

90 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

Table Name : LANE_STATE Alias : LS
 Display Title : Lane State

Object Type:

Comment :

Description : Describes lane conditions for a given event.

Volumes

Start Rows : 4000 End Rows : 4000

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	LANE_STATE_PK	NOT NULL	NUMBER (20, 0)
20	LANE_CONFIG_ID	NOT NULL	CHAR (32)
30	EVENT_EVENT_ID	NOT NULL	CHAR (32)
40	LANE_NUMBER	NOT NULL	NUMBER (2, 0)
50	LANE_DIR_TRAVEL_CODE	NOT NULL	NUMBER (3, 0)
60	LANE_STATE_CODE	NOT NULL	NUMBER (3, 0)
70	LANE_CODE	NOT NULL	NUMBER (3, 0)
80	SYSTEM_TIMESTAMP	NOT NULL	DATE
90	USER_TIMESTAMP	NOT NULL	DATE
95	LANE_DESCRIPTION	NOT NULL	VARCHAR2 (10)
100	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

Name	Column
LS_PK	LANE_STATE_PK

Foreign Keys

LS_EVENT_FK

EVENT_EVENT_ID references EVENT.EVENT_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Check Constraints

Name	Where Validate Clause
LANE_CODE_CK	lane_code between 0 and 4
LANE_DIR_TRAVEL_CODE_CK	lane_dir_travel_code between 0 and 255
LANE_STATE_CODE_CK	lane_state_code between 0 and 3

Table Name : LANE_STATE Alias : LS
 Display Title : Lane State

Object Type:
 Comment :

Index Summary

Name	Seq.	Column	Index Type
LS_EVENT_FK_I	1	EVENT_EVENT_ID	NOT UNIQUE
LS_LANE_CONFIG_ID_I	5	LANE_CONFIG_ID	NOT UNIQUE

Column Detail

10	LANE_STATE_PK	Local - Unique identifier for the Lane State Optional ? :No ; Number (20, 0) ;() ; Uppercase ? :No ; Sequence :LS_SEQ ; Unique identifier for the Lane State Notes Local
20	LANE_CONFIG_ID	Local - A unique alphanumeric identifier for a Lane configuration. Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ; A unique alphanumeric identifier for a Lane configuration. Notes Local
30	EVENT_EVENT_ID	TMDD 3215 - A unique alphanumeric identifier created by a TMC. Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ; A unique alphanumeric identifier created by a TMC which corresponds to a roadway event. Notes TMDD 3215 EVENT_Identifier_identifier
40	LANE_NUMBER	Local - Number of lane in event. Optional ? :No ; Number (2, 0) ;() ; Uppercase ? :No ; Lane number that pertains to a given event. Notes Local
50	LANE_DIR_TRAVEL_CODE	TMDD 3220 - A code which identifies the direction of travel. Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE CODE ; Uppercase ? :No ; Code for indicating direction of travel in lane for a given event. Notes TMDD 3220 EVENT_LanesDirectionOfTravel_code
60	LANE_STATE_CODE	Local - State lane is in for an event. Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE CODE ; Uppercase ? :No ; Current state of lane conditions. Notes Local

Table Name : LANE_STATE Alias : LS
 Display Title : Lane State

Object Type:

Comment :

Column Detail

70 LANE_CODE
 Local - Code for type of lane.
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE_CODE ; Uppercase ? :No ;
 Code for type of lane for a given event.
 Notes Local

80 SYSTEM_TIMESTAMP
 Local - The date and time the event item was stored in the database.
 Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
 The date and time the event item was stored in the database.
 Notes Local

90 USER_TIMESTAMP
 TMDD 3292/3294 - The date a log was last modified for an event.
 Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
 The date a log was last modified for an event.
 Notes TMDD 3292/3294 EVENT_Update_date/EVENT_Update_utc

95 LANE_DESCRIPTION
 Local - Description of the lane, i.e., Left Shoulder, Lane1, etc.
 Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;
 Description of the lane, i.e., Left Shoulder, Lane1, etc.
 Notes Local

100 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

Table Name : MESSAGE_LIBRARY Alias : ML
 Display Title : Message Library

Object Type:

Comment :

Description : Multiple topic-oriented libraries, each containing information defining each DMS or HAR stored message.

Volumes

Start Rows : 500 End Rows : 500

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	ML_ID	NOT NULL	CHAR (32)
2	ML_NAME	NOT NULL	VARCHAR2 (32)
3	CREATED_BY	NULL	VARCHAR2 (32)
4	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
ML_PK	ML_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
ML_NAME_UK	ML_NAME

Table Name : MESSAGE_LIBRARY Alias : ML
 Display Title : Message Library

Object Type:

Comment :

Column Detail

- 1 ML_ID
 Local - The unique internal identifier for the Message Library.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 CORBA hex key. The unique internal identifier for the Message Library used by
 application server.
 Notes Local
- 2 ML_NAME
 Local - Message library name.
 Optional ? :No ; Varchar2 (32) ;() ; ; Uppercase ? :No ;
 Name of the library for user displays.
 Notes Local
- 3 CREATED_BY
 Local - User who created this library.
 Optional ? :Yes ; Varchar2 (32) ;() ; ; Uppercase ? :No ;
 User who created this library.
 Notes Local
- 4 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

Table Name : MSG_CLIP_LIST Alias : MCL
 Display Title : Msg Clip List

Object Type:

Comment :

Description : Cross references a HAR message name to its associated clips.

Volumes

Start Rows : 3000 End Rows : 3000

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	HM_HAR_MSG_PK	NOT NULL	NUMBER (10, 0)
20	HMC_HAR_CLIP_PK	NOT NULL	NUMBER (20, 0)
30	BODY_SEQUENCE	NULL	NUMBER (2, 0)
40	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
MCL_PK	HM_HAR_MSG_PK HMC_HAR_CLIP_PK

Foreign Keys

MCL_HMC_FK

 HMC_HAR_CLIP_PK references HAR_MSG_CLIP.HAR_CLIP_PK
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

MCL_HM_FK

 HM_HAR_MSG_PK references HAR_MSG.HAR_MSG_PK
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
MCL_HMC_FK_I	1	HMC_HAR_CLIP_PK	NOT UNIQUE

Table Name : MSG_CLIP_LIST Alias : MCL
 Display Title : Msg Clip List

Object Type:

Comment :

Column Detail

10 HM_HAR_MSG_PK
Local - Unique identifier for the HAR_MSG table.
Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
Oracle primary key for the HAR_MSG table. One up sequence number with alpha prefix.
Notes Local

20 HMC_HAR_CLIP_PK
Local - Unique identifier for a message clip.
Optional ? :No ; Number (20, 0) ;() ; ; Uppercase ? :No ;
Unique identifier for a message clip.
Notes Local

30 BODY_SEQUENCE
Local - Specifies the sequence of the body clips.
Optional ? :Yes ; Number (2, 0) ;() ; ; Uppercase ? :No ;
Sequence of clips for a given body.
Notes Local

40 DB_CODE
Local - Unique identifier for the database.
Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
Unique identifier for the database.
Notes Local

Table Name : OPERATIONS_LOG Alias : OL
 Display Title : Operations Log

Object Type:
 Comment :

Description : Table that accumulates entries each time a user performs a system altering function.

Volumes

Start Rows : 40000 End Rows : 40000

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	SYSTEM_TIMESTAMP	NOT NULL	DATE
2	ACTION_CODE	NOT NULL	NUMBER (3, 0)
3	AUTHOR	NOT NULL	VARCHAR2 (32)
4	DEVICE_NAME	NULL	VARCHAR2 (25)
10	CEN_CENTER_ID	NOT NULL	CHAR (32)
11	HOST_NAME	NOT NULL	VARCHAR2 (255)
12	LOG_TEXT	NOT NULL	VARCHAR2 (1024)

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
OL_ACTION_CODE_CK	action_code between 0 and 255

Table Definition

Table Name : OPERATIONS_LOG Alias : OL
 Display Title : Operations Log

Object Type:

Comment :

Column Detail

1 SYSTEM_TIMESTAMP
 Local - Date time user performed operation.
 Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
 Date time user performed operation.
Notes Local

2 ACTION_CODE
 Local - Action taken for this occurrence of the operations log.
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE_CODE ; Uppercase ? :No ;
 Action taken for this occurrence of the operations log.
Notes Local

3 AUTHOR
 Local - User or application name that performed the action that is logged.
 Optional ? :No ; Varchar2 (32) ;() ; ; Uppercase ? :No ;
 User or application that performed the action that is logged.
Notes Local

4 DEVICE_NAME
 Local - Specifies the name of the Device.
 Optional ? :Yes ; Varchar2 (25) ;() ; ; Uppercase ? :No ;
 Specifies the name of the Device.
Notes Local

10 CEN_CENTER_ID
 TMDD 3217 - Unique identifier of Center. Corba Hex key.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A number which uniquely identifies an organization's Center (transportation,
 emergency management, public safety, etc.) within a region.
Notes TMDD 3217 ORGANIZATION.RESOURCE_Center_identifier

11 HOST_NAME
 Local - Name of user's workstation.
 Optional ? :No ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
 Name of user's workstation.
Notes Local

12 LOG_TEXT
 Local - Description of the action the user performed.
 Optional ? :No ; Varchar2 (1024) ;() ; ; Uppercase ? :No ;
 Description of the action the user performed.
Notes Local

Table Definition

Table Name : ORGANIZATION

Alias : ORG
Display Title : Organization

Object Type:

Comment :

Description : The highest level entity within a region such as SHA or MDTA.

Volumes

Start Rows : 200 End Rows : 200

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	ORGANIZATION_ID	NOT NULL	CHAR (32)
2	ORGANIZATION_NAME	NOT NULL	VARCHAR2 (128)
10	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
ORG_PK	ORGANIZATION_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
ORG_NAME_UK	ORGANIZATION_NAME

Table Name : ORGANIZATION Alias : ORG
 Display Title : Organization

Object Type:

Comment :

Column Detail

1 ORGANIZATION_ID
TMDD 3343 - Unique identifier of organization. CORBA hex key.
Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
A unique identifier for an organization with a region. CORBA hex key.
Notes TMDD 3343 ORGANIZATION.CONTACT_Organization_identifier

2 ORGANIZATION_NAME
TMDD 3344 - Name of organization.
Optional ? :No ; Varchar2 (128) ;() ; Uppercase ? :No ;
The organization's name, typically the highest level parent name of
organization or incorporated entity. This should be defined regionally, and
correspond with ORGANIZATION.CONTACT_ORGANIZATIONTYPE_CODE.
Notes TMDD 3344 ORGANIZATION.CONTACT_OrganizationName_text

10 DB_CODE
Local - Unique identifier for the database.
Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
Unique identifier for the database.
Notes Local

Table Name : PLAN Alias : PLA
 Display Title : Plan

Object Type:

Comment :

Description : Identification information defining a plan in the system.

Volumes

Start Rows : 2000 End Rows : 2000

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
1	PLAN_ID	NOT NULL	CHAR (32)
3	PLAN_NAME	NOT NULL	VARCHAR2 (60)
10	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

Name	Column
PLA_PK	PLAN_ID

Other Unique Keys

Name	Column
PLAN_NAME_UK	PLAN_NAME

Column Detail

1 PLAN_ID
 Local - Unique internal hex key identifier for the Plan table
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 CORBA hex key. A unique identifier for a plan used by the application server.
 Notes Local

3 PLAN_NAME
 Local - Name of the plan used for this event.
 Optional ? :No ; Varchar2 (60) ;() ; Uppercase ? :No ;
 Name of the plan used for this event.
 Notes Local

10 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

Table Name : PLAN_ITEM Alias : PI
 Display Title : Plan Item

Object Type:

Comment :

Description : Identifies the items in a plan which include the plan, device and message.

Volumes

Start Rows : 10000 End Rows : 10000

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	PLAN_ITEM_ID	NOT NULL	CHAR (32)
40	DEVICE_ID	NOT NULL	CHAR (32)
50	SM_MSG_ID	NOT NULL	CHAR (32)
60	PLA_PLAN_ID	NOT NULL	CHAR (32)
65	MSG_TYPE_CODE	NOT NULL	NUMBER (3, 0)
80	PLAN_ITEM_NAME	NOT NULL	VARCHAR2 (60)
90	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

Name	Column
PI_PK	PLAN_ITEM_ID

Other Unique Keys

Name	Column
PI_PLAN_DEVICE_MESSAGE_UK	DEVICE_ID SM_MSG_ID PLA_PLAN_ID

Foreign Keys

PI_PLA_FK

PLA_PLAN_ID references PLAN.PLAN_ID	PLAN_ID
Transferable ? Yes	Update Rule : Restricted
Mandatory ? Yes	Delete Rule : Cascades

Check Constraints

Name	Where Validate Clause
PI_MSG_TYPE_CODE_CK	msg_type_code in (0,1)

Table Name : PLAN_ITEM Alias : PI
 Display Title : Plan Item

Object Type:
Comment :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
PI_PLA_FK_I	1	PLA_PLAN_ID	NOT UNIQUE

Table Name : PLAN_ITEM Alias : PI
 Display Title : Plan Item

Object Type:

Comment :

Column Detail

10	PLAN_ITEM_ID	Local - Unique identifier for Plan Items. Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ; Corba hex key. Unique identifier used for application server.
	Notes	Local
40	DEVICE_ID	Local - Unique identifier for the DMS or HAR table. Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ; Foreign key of DMS or HAR table.
	Notes	Local
50	SM_MSG_ID	Local - Unique identifier for the Stored Message table. Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ; Foreign key of STORED_MESSAGE.
	Notes	Local
60	PLA_PLAN_ID	Local - Unique internal hex key identifier for the Plan table Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ; CORBA hex key. A unique identifier for a plan used by the application server.
	Notes	Local
65	MSG_TYPE_CODE	Local - Code for message type. Optional ? :No ; Number (3, 0) ;() ; Uppercase ? :No ; Type of plan item stored message: DMS or HAR.
	Notes	Local
80	PLAN_ITEM_NAME	Local - Specifies the descriptive name for the Plan item. Optional ? :No ; Varchar2 (60) ;() ; Uppercase ? :No ; Specifies the descriptive name for the Plan item.
	Notes	Local
90	DB_CODE	Local - Unique identifier for the database. Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ; Unique identifier for the database.
	Notes	Local

Table Name : PLAN_ITEM_DIRECTION

Alias : PID

Display Title : Plan Item Direction

Object Type:

Comment :

Description : Contains the applicable directions for a given plan item.

User/Help Text Contains the applicable directions for a given plan item.

:

Volumes

Start Rows : 1500

End Rows : 1500

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
2	PI_PLAN_ITEM_ID	NOT NULL	CHAR (32)
12	HAR_DIRECTIONAL_CODE	NOT NULL	NUMBER (3 , 0)

Primary Key

<u>Name</u>	<u>Column</u>
PID_PK	PI_PLAN_ITEM_ID HAR_DIRECTIONAL_CODE

Foreign Keys

PID_PI_FK	PI_PLAN_ITEM_ID references PLAN_ITEM.PLAN_ITEM_ID	Transferable ? Yes	Update Rule : Restricted
		Mandatory ? Yes	Delete Rule : Cascades

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
HAR_PID_DIRECTIONAL_CODE_CK	har_directional_code between 0 and 255

Table Name : PLAN_ITEM_DIRECTION

Alias : PID

Display Title : Plan Item Direction

Object Type:

Comment :

Column Detail

2 PI_PLAN_ITEM_ID

Local - Unique identifier for Plan Items.

Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;

Corba hex key. Unique identifier used for application server.

Notes Local

12 HAR_DIRECTIONAL_CODE

Local - A code which identifies the direction of travel.

Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE_CODE ; Uppercase ? :No ;

A code which identifies the direction of travel.

Notes Local

Table Name : PROFILE_PROPERTY

Alias : PP

Display Title : Profile Property

Object Type:

Comment :

Description : Contains the profile properties for a CHART II server.

Volumes

Start Rows : 12300

End Rows : 12300

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	KEY	NOT NULL	VARCHAR2 (128)
2	UI_USER_NAME	NOT NULL	VARCHAR2 (32)
3	VALUE	NOT NULL	VARCHAR2 (128)
4	DB_CODE	NULL	VARCHAR2 (1)

Primary KeyName ColumnPP_PK UI_USER_NAME
 KEY**Foreign Keys**

PP_UI_FK

UI_USER_NAME references USER_ID.USER_NAME
Transferable ? Yes Update Rule : Restricted
Mandatory ? Yes Delete Rule : Cascades

Table Name : PROFILE_PROPERTY Alias : PP
 Display Title : Profile Property

Object Type:

Comment :

Column Detail

1 KEY

Local - Specifies the name of the profile property.
Optional ? :No ; Varchar2 (128) ;() ; ; Uppercase ? :No ;
Specifies the name of the profile property.

Notes Local

2 UI_USER_NAME

Local - Name by which the user is known to the CHART2 system.
Optional ? :No ; Varchar2 (32) ;() ; ; Uppercase ? :No ;
Name by which the user is known to the CHART2 system. The user may not change his/her id.

Notes Local

3 VALUE

Local - Specifies the setting for the property.
Optional ? :No ; Varchar2 (128) ;() ; ; Uppercase ? :No ;
Specifies the setting for the property.

Notes Local

4 DB_CODE

Local - Unique identifier for the database.
Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
Unique identifier for the database.

Notes Local

Table Name : RESOURCE_CATEGORY_TYPE	Alias : RCT		
	Display Title : Resource Category Type		
Object Type:			
Comment :			
Description : Contains Resource Category Type codes, i.e., Agency, Resource.			
<u>Volumes</u>			
Start Rows : 10	End Rows : 10		
<u>Storage</u>			
Index-organized ? No			
<u>Column Summary</u>			
Col.Seq.	Column	Nulls ?	Type
1	RESOURCE_CATEGORY_CODE	NOT NULL	NUMBER (3, 0)
2	RESOURCE_CATEGORY_NAME	NOT NULL	VARCHAR2 (240)
3	ACTIVE_INDICATOR	NULL	NUMBER (1, 0)
4	SORT_ORDER_NUMBER	NULL	NUMBER (3, 0)
5	CREATED_TIMESTAMP	NULL	DATE
6	UPDATED_TIMESTAMP	NULL	DATE
7	DB_CODE	NULL	VARCHAR2 (1)
<u>Primary Key</u>			
Name	Column		
RCT_PK	RESOURCE_CATEGORY_CODE		
<u>Other Unique Keys</u>			
Name	Column		
RESOURCE_CATEGORY_NAME_UK	RESOURCE_CATEGORY_NAME		
<u>Check Constraints</u>			
Name	Where Validate Clause		
RCT_ACTIVE_INDICATOR_CK	active_indicator in (0,1)		
RESOURCE_CATEGORY_CODE_CK	resource_category_code between 0 and 4		

Table Definition

Table Name : RESOURCE_CATEGORY_TYPE Alias : RCT
 Display Title : Resource Category Type

Object Type:

Comment :

Column Detail

- 1 RESOURCE_CATEGORY_CODE
 Local - Specifies a numeric code of up to three digits for the resource category.
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;
 Specifies a numeric code of up to three digits for the resource category.
 Notes Local
- 2 RESOURCE_CATEGORY_NAME
 Local - Specifies the name of the Resource Category.
 Optional ? :No ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
 Specifies the name for the Resource Category.
 Notes Local
- 3 ACTIVE_INDICATOR
 Local - Specifies whether the code is currently being used by the application.
 Optional ? :Yes ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Specifies whether the code is currently being used by the application.
 Notes Local
- 4 SORT_ORDER_NUMBER
 Local - Specifies the ordering of items in the code type.
 Optional ? :Yes ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Specifies the ordering of items in the code type.
 Notes Local
- 5 CREATED_TIMESTAMP
 Local - Date the record was created.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Date the record was created.
 Notes Local
- 6 UPDATED_TIMESTAMP
 Local - Date the record was updated.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Local - Date the record was updated.
 Notes Local
- 7 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

Table Name : RESOURCE_TYPE Alias : RT
 Display Title : Resource Type

Object Type:

Comment :

Description : Contains the resource type codes for resources that support events.

Volumes

Start Rows : 100 End Rows : 100

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	RCT_RESOURCE_CATEGORY_CODE	NOT NULL	NUMBER (3, 0)
20	RESOURCE_CODE	NOT NULL	NUMBER (10, 0)
30	RESOURCE_NAME	NOT NULL	VARCHAR2 (240)
40	ACTIVE_INDICATOR	NULL	NUMBER (1, 0)
50	SORT_ORDER_NUMBER	NULL	NUMBER (3, 0)
60	CREATED_TIMESTAMP	NULL	DATE
70	UPDATED_TIMESTAMP	NULL	DATE
80	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

Name	Column
RT_PK	RCT_RESOURCE_CATEGORY_CODE RESOURCE_CODE

Other Unique Keys

Name	Column
CATEGORY_CODE_RESOURCE_NAME_UK	RESOURCE_NAME RCT_RESOURCE_CATEGORY_CODE

Foreign Keys

RT_RCT_FK

RCT_RESOURCE_CATEGORY_CODE references
 RESOURCE_CATEGORY_TYPE.RESOURCE_CATEGORY_CODE
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Table Name : RESOURCE_TYPE Alias : RT
 Display Title : Resource Type
 Object Type:
 Comment :

Check Constraints

Name	Where Validate Clause
RCT_RESOURCE_CATEGORY_CODE_CK	rct_resource_category_code between 0 and 4
RT_ACTIVE_INDICATOR	active_indicator in (0,1)

Index Summary

Name	Seq.	Column	Index Type
RT_RCT_FK_I	1	RCT_RESOURCE_CATEGORY_CODE	NOT UNIQUE

Column Detail

10 RCT_RESOURCE_CATEGORY_CODE
 Local - Specifies a numeric code of up to three digits for the resource category.
 Optional ? :No ; Number (3, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;
 Specifies a numeric code of up to three digits for the resource category.
 Notes Local

20 RESOURCE_CODE
 Local - Specifies a numeric code of up to three digits for the resource type.
 Optional ? :No ; Number (10, 0) ;() ; ; Domain :TYPE CODE ; Uppercase ? :No ;
 Sequence :RESOURCE_TYPE_SEQ ;
 Specifies a numeric code of up to three digits for the resource type.
 Notes Local

30 RESOURCE_NAME
 Local - Specifies the name of the resource.
 Optional ? :No ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
 Specifies the name of the resource.
 Notes Local

40 ACTIVE_INDICATOR
 Local - Specifies whether the code is currently being used by the application.
 Optional ? :Yes ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Specifies whether the code is currently being used by the application.
 Notes Local

50 SORT_ORDER_NUMBER
 Local - Specifies the ordering of items in the code type.
 Optional ? :Yes ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Specifies the ordering of items in the code type.
 Notes Local

Table Name : RESOURCE_TYPE Alias : RT
 Display Title : Resource Type

Object Type:

Comment :

Column Detail

60 CREATED_TIMESTAMP
Local - Date the record was created.
Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
Date the record was created.

Notes Local

70 UPDATED_TIMESTAMP
Local - Date the record was updated.
Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
Local - Date the record was updated.

Notes Local

80 DB_CODE
Local - Unique identifier for the database.
Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
Unique identifier for the database.

Notes Local

Table Name : RESPONSE_PLAN_ITEM Alias : RPI
 Display Title : Response Plan Item

Object Type:

Comment :

Description : Contains response plan items for each DMS or HAR device.

Volumes

Start Rows : 5000 End Rows : 5000

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
2	RPI_ID	NOT NULL	CHAR (32)
3	TARGET_ID	NOT NULL	CHAR (32)
9	DEVICE_CODE	NOT NULL	NUMBER (3, 0)
11	DB_CODE	NULL	VARCHAR2 (1)
12	EVENT_EVENT_ID	NOT NULL	CHAR (32)
13	IS_MESSAGE_TEXT_MULTI	NULL	NUMBER (1, 0)
14	RPI_BEACON_STATE	NULL	NUMBER (1, 0)
15	HM_HAR_MSG_PK	NULL	NUMBER (10, 0)
16	RPI_MSG_DESCRIPTION	NULL	VARCHAR2 (255)
17	RPI_MESSAGE_TEXT	NULL	VARCHAR2 (1024)
18	TARGET_IOR	NULL	VARCHAR2 (1024)

Primary Key

<u>Name</u>	<u>Column</u>
RPI_PK	RPI_ID

Foreign Keys

RPI_EVENT_FK

EVENT_EVENT_ID references EVENT.EVENT_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
RPI_BEACON_STATE_CK	rpi_beacon_state in (0,1)
RPI_DEVICE_CODE_CK	device_code between 0 and 255

Table Name : RESPONSE_PLAN_ITEM Alias : RPI
 Display Title : Response Plan Item
 Object Type:
 Comment :

Index Summary

Name	Seq.	Column	Index Type
RPI_EVENT_FK_I	1	EVENT_EVENT_ID	NOT UNIQUE

Column Detail

2 RPI_ID
 Local - Unique internal hex key identifier.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 Unique CORBA hex key identifier. This is used by the application servers.
 Notes Local

3 TARGET_ID
 Local - A unique alphanumeric identifier for a device, pager, or sent e-mail.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric identifier for a device, pager, or sent e-mail.
 Notes Local

9 DEVICE_CODE
 TMDD 3747 - A code which specifies the type of device.
 Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE_CODE ; Uppercase ? :No ;
 A code which specifies the type of device.
 Notes TMDD 3747 DEVICE_DeviceType_code

11 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

12 EVENT_EVENT_ID
 TMDD 3215 - A unique alphanumeric identifier created by a TMC.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric identifier created by a TMC which corresponds to a
 roadway event.
 Notes TMDD 3215 EVENT_Identifier_identifier

13 IS_MESSAGE_TEXT_MULTI
 Local - Indicates if the message_text attribute is stored with multi tags imbedded.
 Optional ? :Yes ; Number (1, 0) ;() ; Uppercase ? :No ;
 Indicates if the message_text attribute is stored with multi tags imbedded.
 Notes Local

Table Name : RESPONSE_PLAN_ITEM Alias : RPI
 Display Title : Response Plan Item
 Object Type:
 Comment :

Column Detail

14 RPI_BEACON_STATE
 Local - Indicates if connected beacon(s) are activated.
 Optional ? :Yes ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Indicates if connected beacon(s) are activated. FALSE (0) = Beacon(s) are
 Disabled ; TRUE (1) = Beacon(s) are Enabled.
Notes NTCIP 2.6.1.1.1.8.6

15 HM_HAR_MSG_PK
 Local - Unique identifier for the HAR_MSG table.
 Optional ? :Yes ; Number (10, 0) ;() ; ; Uppercase ? :No ;
 Oracle primary key for the HAR_MSG table. One up sequence number.
Notes Local

16 RPI_MSG_DESCRIPTION
 Local - Description of the HAR message.
 Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
 Description of the HAR message.
Notes Local

17 RPI_MESSAGE_TEXT
 Local - Text of the message to be displayed.
 Optional ? :Yes ; Varchar2 (1024) ;() ; ; Uppercase ? :No ;
 Text of the message to be displayed.
Notes Local

18 TARGET_IOR
 Local - CORBA IOR that identifies a target response item such as a device, pager,
 or sending email.
 Optional ? :Yes ; Varchar2 (1024) ;() ; ; Uppercase ? :No ;
 CORBA IOR that identifies a target response item such as a device, pager, or
 sending email.
Notes Local

Table Name : ROLE

Alias : ROL

Display Title : Role

Object Type:

Comment :

Description : Values designating the various security roles defined. Maintains the relation to the set of Functional Rights identifying the system capabilities associated with each Role.

Volumes

Start Rows : 100

End Rows : 100

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	ROLE_ID	NOT NULL	CHAR (32)
2	ROLE_NAME	NOT NULL	VARCHAR2 (32)
3	ROLE_DESCRIPTION	NULL	VARCHAR2 (255)
4	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
ROL_PK	ROLE_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
ROLE_NAME_UK	ROLE_NAME

Table Name : ROLE Alias : ROL
 Display Title : Role

Object Type:

Comment :

Column Detail

1 ROLE_ID
Local - CORBA Hex key.
Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
CORBA Hex key. The unique internal identifier for the Role used by the
application servers.

Notes Local

2 ROLE_NAME
Local - Brief description of the role.
Optional ? :No ; Varchar2 (32) ;() ; ; Uppercase ? :No ;
Brief description of the role.

Notes Local

3 ROLE_DESCRIPTION
Local - Verbose description of role.
Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
Verbose description of role.

Notes Local

4 DB_CODE
Local - Unique identifier for the database.
Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
Unique identifier for the database.

Notes Local

Table Name : ROLE_ASSIGNMENT Alias : RA
 Display Title : Role Assignment

Object Type:

Comment :

Description : Relates users to roles.

Volumes

Start Rows : 2000 End Rows : 2000

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	UI_USER_NAME	NOT NULL	VARCHAR2 (32)
2	ROL_ROLE_ID	NOT NULL	CHAR (32)
3	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
RA_PK	UI_USER_NAME ROL_ROLE_ID

Foreign Keys

RA_ROL_FK

ROL_ROLE_ID references ROLE.ROLE_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

RA_UI_FK

UI_USER_NAME references USER_ID.USER_NAME
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
RA_ROL_FK_I	1	ROL_ROLE_ID	NOT UNIQUE

Table Name : ROLE_ASSIGNMENT Alias : RA
 Display Title : Role Assignment

Object Type:

Comment :

Column Detail

1 UI_USER_NAME

Local - Name by which the user is known to the CHART2 system.

Optional ? :No ; Varchar2 (32) ;() ; ; Uppercase ? :No ;

Name by which the user is known to the CHART2 system. The user may not change his/her id.

Notes Local

2 ROL_ROLE_ID

Local - A unique alphanumeric role identifier.

Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;

A unique alphanumeric role identifier.

Notes Local

3 DB_CODE

Local - Unique identifier for the database.

Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

Unique identifier for the database.

Notes Local

Table Name : ROLE_FUNCTION Alias : RF
 Display Title : Role Function

Object Type:

Comment :

Description : Index for joining roles to functions and allowing constraint by organization for given function and role.

Volumes

Start Rows : 400 End Rows : 400

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
1	ROLE_FUNCTION_PK	NOT NULL	NUMBER (20, 0)
5	DB_CODE	NULL	VARCHAR2 (1)
30	FR_FR_ID	NOT NULL	NUMBER (5, 0)
40	ROL_ROLE_ID	NOT NULL	CHAR (32)
50	ORG_ORGANIZATION_ID	NULL	CHAR (32)

Primary Key

Name	Column
RF_PK	ROLE_FUNCTION_PK

Other Unique Keys

Name	Column
RF_UK	ORG_ORGANIZATION_ID
	FR_FR_ID
	ROL_ROLE_ID

Table Name : ROLE_FUNCTION Alias : RF
 Display Title : Role Function

Object Type:

Comment :

Foreign Keys

RF_FR_FK

FR_FR_ID references FUNCTIONAL_RIGHT.FR_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

RF_ORG_FK

ORG_ORGANIZATION_ID references ORGANIZATION.ORGANIZATION_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? No Delete Rule : Cascades

RF_ROL_FK

ROL_ROLE_ID references ROLE.ROLE_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Index Summary

Name	Seq.	Column	Index Type
RF_FR_FK_I	1	FR_FR_ID	NOT UNIQUE
RF_ORG_FK_I	1	ORG_ORGANIZATION_ID	NOT UNIQUE
RF_ROL_FK_I	1	ROL_ROLE_ID	NOT UNIQUE

Column Detail

1	ROLE_FUNCTION_PK	Local - Unique identifier for the Role Function table. Optional ? :No ; Number (20, 0) ;() ; ; Uppercase ? :No ; Sequence :CHART2_SEQ ; Unique identifier for the Role Function table.
	Notes	Local
5	DB_CODE	Local - Unique identifier for the database. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ; Unique identifier for the database.
	Notes	Local
30	FR_FR_ID	Local - Unique identifier Functional Right table. Optional ? :No ; Number (5, 0) ;() ; ; Uppercase ? :No ; The unique internal identifier for the Functional Right within the CHART2 system. Generated by the application server.

Table Name : ROLE_FUNCTION Alias : RF
 Display Title : Role Function

Object Type:
Comment :

Column Detail

	Notes	Local
40	ROL_ROLE_ID	Local - A unique alphanumeric role identifier. Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ; A unique alphanumeric role identifier.
50	ORG_ORGANIZATION_ID	TMDD 3343 - Unique identifier of organization. CORBA hex key. Optional ? :Yes ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ; A unique identifier for an organization with a region. CORBA hex key.
	Notes	TMDD 3343 ORGANIZATION.CONTACT_Organization_identifier

Table Name : SHAZAM

Alias : SHAZAM

Display Title : Shazam

Object Type:

Comment :

Description : Configuration information relative to a SHAZAM device, including location and communications information.

Volumes

Start Rows : 50

End Rows : 50

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	DEVICE_ID	NOT NULL	CHAR (32)
2	SHAZAM_MODEL_ID	NOT NULL	NUMBER (5 , 0)
4	ORG_ORGANIZATION_ID	NOT NULL	CHAR (32)
7	DB_CODE	NULL	VARCHAR2 (1)
8	DEVICE_NAME	NOT NULL	VARCHAR2 (15)
9	DEVICE_LOCATION	NOT NULL	VARCHAR2 (60)
14	HAR_DEVICE_ID	NULL	CHAR (32)
15	SHAZAM_ACCESS_PIN	NULL	VARCHAR2 (3)
16	DEFAULT_PHONE_NUMBER	NOT NULL	VARCHAR2 (25)
17	SHAZAM_DIRECTIONAL_CODE	NULL	NUMBER (3 , 0)
19	REFRESH_INTERVAL	NULL	NUMBER (5 , 0)
24	REFRESH_ENABLED	NOT NULL	NUMBER (1 , 0)
25	PORT_TYPE	NOT NULL	NUMBER (1 , 0)
26	PORT_MANAGER_TIMEOUT	NOT NULL	NUMBER (10 , 0)
33	CREATED_TIMESTAMP	NULL	DATE
34	UPDATED_TIMESTAMP	NULL	DATE
39	MESSAGE	NULL	VARCHAR2 (256)

Primary Key

<u>Name</u>	<u>Column</u>
SHAZAM_PK	DEVICE_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
SHAZAM_NAME_UK	DEVICE_NAME

Table Name : SHAZAM Alias : SHAZAM
 Display Title : Shazam
 Object Type:
 Comment :

Check Constraints

Name	Where Validate Clause
REFRESH_INTERVAL_CK	refresh_interval between 0 and 65535
SHAZAM_DIRECTIONAL_CODE_CK	SHAZAM_DIRECTIONAL_CODE between 0 and 255
SHAZAM_MODEL_ID_CK	shazam_model_id between 0 and 65535
SHAZAM_PORT_MANAGER_TIMEOUT_CK	port_manager_timeout between 0 and 2147483647
SHAZAM_PORT_TYPE_CK	port_type between 0 and 3

Column Detail

1 DEVICE_ID
 TMDD 3701 - A unique alphanumeric device identifier.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric device identifier.
Notes TMDD 3701 DEVICE_Device_identifier

2 SHAZAM_MODEL_ID
 Local - Indicates the SHAZAM device model in numeric format.
 Optional ? :No ; Number (5, 0) ;() ; Uppercase ? :No ;
 Indicates the SHAZAM device model in numeric format.
Notes Local

4 ORG_ORGANIZATION_ID
 TMDD 3343 - Unique identifier of organization. CORBA hex key.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique identifier for an organization with a region. CORBA hex key.
Notes TMDD 3343 ORGANIZATION.CONTACT_Organization_identifier

7 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
 Unique identifier for the database.
Notes Local

8 DEVICE_NAME
 Local - Specifies the name of the Device.
 Optional ? :No ; Varchar2 (15) ;() ; Uppercase ? :No ;
 Specifies the name of the Device.
Notes Local

9 DEVICE_LOCATION
 Local - Specifies the location of the device.

Table Name : SHAZAM

Alias : SHAZAM

Display Title : Shazam

Object Type:

Comment :

Column Detail

Optional ? :No ; Varchar2 (60) ;() ; ; Uppercase ? :No ;
 Specifies the location of the device.

Notes Local

14 HAR_DEVICE_ID

TMDD 3701 - A unique alphanumeric device identifier representing the associated HAR.

Optional ? :Yes ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric device identifier representing the associated HAR.

Notes TMDD 3701 DEVICE_Device_identifier

15 SHAZAM_ACCESS_PIN

Local - PIN for accessing the SHAZAM.

Optional ? :Yes ; Varchar2 (3) ;() ; ; Uppercase ? :No ;
 PIN for accessing the SHAZAM.

Notes Local

16 DEFAULT_PHONE_NUMBER

Local - Specifies the phone number for connecting to the device.

Optional ? :No ; Varchar2 (25) ;() ; ; Uppercase ? :No ;
 Specifies the phone number for connecting to the device.

Notes Local

17 SHAZAM_DIRECTIONAL_CODE

Local - Specifies the direction a SHAZAM is facing.

Optional ? :Yes ; Number (3, 0) ;() ; ; Domain :TYPE_CODE ; Uppercase ? :No ;
 Specifies the direction a SHAZAM is facing.

Notes Local

19 REFRESH_INTERVAL

Local - Number of minutes to skip between refreshes of this device.

Optional ? :Yes ; Number (5, 0) ;() ; ; Uppercase ? :No ;
 Number of minutes to skip between refreshes of this device.

Notes Local

24 REFRESH_ENABLED

Local - Indicates whether refreshing is enabled for this SHAZAM.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Indicates whether refreshing is enabled for this SHAZAM.

Notes Local

25 PORT_TYPE

Local - Specifies the type of port to use for this device.

Table Name : SHAZAM

Alias : SHAZAM

Display Title : Shazam

Object Type:

Comment :

Column Detail

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Specifies the type of port to use for this device.

Notes Local

26 PORT_MANAGER_TIMEOUT

Local - Duration, specified in seconds, that the software will wait for a port to become available at each selected port manager.

Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;

Duration, specified in seconds, that the software will wait for a port to become available at each selected port manager.

Notes Local

33 CREATED_TIMESTAMP

Local - Date the record was created.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;

Date the record was created.

Notes Local

34 UPDATED_TIMESTAMP

Local - Date the device_name column was updated.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;

Date the device_name column was updated.

Notes Local

39 MESSAGE

Local - specifies the message displayed on a SHAZAM.

Optional ? :Yes ; Varchar2 (256) ;() ; ; Uppercase ? :No ;

Specifies the message displayed on a SHAZAM.

Notes Local

Table Name : SHAZAM_PHONE_NUMBER

Alias : SPN

Display Title : Shazam Phone Number

Object Type:

Comment :

Description : Contains the phone numbers for each SHAZAM.

Volumes

Start Rows : 500

End Rows : 500

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	SHAZAM_DEVICE_ID	NOT NULL	CHAR (32)
20	PORT_MANAGER_NAME	NOT NULL	VARCHAR2 (30)
30	PHONE_NUMBER	NOT NULL	VARCHAR2 (25)
40	SORT_ORDER_NUMBER	NOT NULL	NUMBER (3, 0)
50	DB_CODE	NULL	VARCHAR2 (1)

Primary KeyName ColumnSPN_PK
SHAZAM_DEVICE_ID
PORT_MANAGER_NAME
PHONE_NUMBER
SORT_ORDER_NUMBERForeign Keys

SPN_SHAZAM_FK

SHAZAM_DEVICE_ID references SHAZAM.DEVICE_ID
Transferable ? Yes Update Rule : Restricted
Mandatory ? Yes Delete Rule : Cascades

Table Name : SHAZAM_PHONE_NUMBER

Alias : SPN

Display Title : Shazam Phone Number

Object Type:

Comment :

Column Detail

10 SHAZAM_DEVICE_ID

TMDD 3701 - A unique alphanumeric device identifier.

Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
A unique alphanumeric device identifier.Notes TMDD 3701 DEVICE_Device_identifier

20 PORT_MANAGER_NAME

Local - Specifies the name of the Port Manager.

Optional ? :No ; Varchar2 (30) ;() ; Uppercase ? :No ;
Specifies the name of the Port Manager.Notes Local

30 PHONE_NUMBER

Local - Specifies the phone number for connecting to the device.

Optional ? :No ; Varchar2 (25) ;() ; Uppercase ? :No ;
Specifies the phone number for connecting to the device.Notes Local

40 SORT_ORDER_NUMBER

Local - Specifies the ordering of port managers for a DMS.

Optional ? :No ; Number (3, 0) ;() ; Uppercase ? :No ;
Specifies the ordering of port managers for a DMS.Notes Local

50 DB_CODE

Local - Unique identifier for the database.

Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
Unique identifier for the database.Notes Local

Table Name : SHAZAM_STATUS Alias : SS
 Display Title : Shazam Status

Object Type:

Comment :

Description : Contains SHAZAM status information.

Volumes

Start Rows : 50 End Rows : 50

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	SHAZAM_DEVICE_ID	NOT NULL	CHAR (32)
6	CEN_CENTER_ID	NULL	CHAR (32)
7	DEVICE_STATE_CODE	NOT NULL	NUMBER (3, 0)
8	BEACON_STATE	NULL	NUMBER (1, 0)
13	COMM_STATUS	NOT NULL	NUMBER (1, 0)
18	STATUS_CHANGE_TIME	NULL	DATE
23	LAST_ATTEMPTED_REFRESH_TIME	NULL	DATE
24	LAST_CONTACT_TIME	NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
SS_PK	SHAZAM_DEVICE_ID

Foreign Keys

SS_SHAZAM_FK

SHAZAM_DEVICE_ID references SHAZAM.DEVICE_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
SHAZAM_BEACON_STATE_CK	beacon_state in (0,1)
SHAZAM_COMM_STATUS_CK	comm_status between 0 and 2
SHAZAM_DEVICE_STATE_CODE_CK	device_state_code between 0 and 2

Table Name : SHAZAM_STATUS Alias : SS
 Display Title : Shazam Status

Object Type:

Comment :

Column Detail

- 1 SHAZAM_DEVICE_ID
 TMDD 3701 - A unique alphanumeric device identifier.
 Optional ? :No ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A unique alphanumeric device identifier.
 Notes TMDD 3701 DEVICE_Device_identifier
- 6 CEN_CENTER_ID
 TMDD 3217 - Unique identifier of Center. Corba Hex key.
 Optional ? :Yes ; Char (32) ;() ; ; Domain :HEX_KEY ; Uppercase ? :No ;
 A number which uniquely identifies an organization's Center (transportation,
 emergency management, public safety, etc.) within a region.
 Notes TMDD 3217 ORGANIZATION.RESOURCE_Center_identifier
- 7 DEVICE_STATE_CODE
 Local - Indicates whether the device is online, offline, etc.
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Indicates whether the device is online, offline, etc.
 Notes Local
- 8 BEACON_STATE
 NTCIP 2.6.1.1.1.8.6 - Indicates if connected beacon(s) are activated.
 Optional ? :Yes ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Indicates if connected beacon(s) are activated. FALSE (0) = Beacon(s) are
 Disabled ; TRUE (1) = Beacon(s) are Enabled.
 Notes NTCIP 2.6.1.1.1.8.6
- 13 COMM_STATUS
 Local - Specifies the status of comms.
 Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Specifies the status of comms.
 Notes Local
- 18 STATUS_CHANGE_TIME
 Local - Date/Time of last status change.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Date/Time of last status change.
 Notes Local
- 23 LAST_ATTEMPTED_REFRESH_TIME
 Local - Specifies the date/time since the last attempted refresh of the device.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Specifies the date/time since the last attempted refresh of the device.
 Notes Local

Table Name : SHAZAM_STATUS Alias : SS
 Display Title : Shazam Status

Object Type:

Comment :

Column Detail

24 LAST_CONTACT_TIME

Local - Specifies the time a device was last contacted.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;

Specifies the time a device was last contacted.

Notes Local

Table Name : STANDARD_LANE Alias : SL
 Display Title : Standard Lane

Object Type:

Comment :

Description : Contains the Lane attributes for a given lane configuration

Volumes

Start Rows : 400 End Rows : 400

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	SLC_CONFIG_NAME	NOT NULL	VARCHAR2 (80)
20	LANE_NUMBER	NOT NULL	NUMBER (2, 0)
30	LANE_DIR_TRAVEL_CODE	NOT NULL	NUMBER (3, 0)
40	DB_CODE	NULL	VARCHAR2 (1)
50	LANE_CODE	NOT NULL	NUMBER (3, 0)
60	LANE_DESCRIPTION	NOT NULL	VARCHAR2 (10)

Primary Key

Name	Column
SL_PK	SLC_CONFIG_NAME LANE_NUMBER

Foreign Keys

SL_SLC_FK

SLC_CONFIG_NAME	references	STANDARD_LANE_CONFIG.CONFIG_NAME
Transferable ?	Yes	Update Rule : Restricted
Mandatory ?	Yes	Delete Rule : Restricted

Check Constraints

Name	Where Validate Clause
LANE_CODE	lane_code between 0 and 4
SL_LANE_DIR_TRAVEL_CODE_CK	lane_dir_travel_code between 0 and 255

Table Name : STANDARD_LANE Alias : SL
 Display Title : Standard Lane
 Object Type:
 Comment :

Column Detail

10 SLC_CONFIG_NAME
 Local - Name of the lane configuration
 Optional ? :No ; Varchar2 (80) ;() ; ; Uppercase ? :No ;
 Name of the lane configuration
Notes Local

20 LANE_NUMBER
 Local - Number of lane in event.
 Optional ? :No ; Number (2, 0) ;() ; ; Uppercase ? :No ;
 Lane number that pertains to a given event.
Notes Local

30 LANE_DIR_TRAVEL_CODE
 TMDD 3220 - A code which identifies the direction of travel.
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Code for indicating direction of travel in lane for a given event.
Notes TMDD 3220 EVENT_LanesDirectionOfTravel_code

40 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
Notes Local

50 LANE_CODE
 Local - Code for type of lane.
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Code for type of lane for a given event.
Notes Local

60 LANE_DESCRIPTION
 Local - Description of the lane, i.e., Left Shoulder, Lane1, etc.
 Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;
 Description of the lane, i.e., Left Shoulder, Lane1, etc.
Notes Local

Table Name : STANDARD_LANE_CONFIG Alias : SLC
 Display Title : Standard Lane Config

Object Type:

Comment :

Description : Contains a library of Lane Configurations

Volumes

Start Rows : 100 End Rows : 100

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	CONFIG_NAME	NOT NULL	VARCHAR2 (80)
2	CONFIG_DESC	NOT NULL	VARCHAR2 (255)
3	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
SLC_PK	CONFIG_NAME

Column Detail

1	CONFIG_NAME	Local - Name of the lane configuration Optional ? :No ; Varchar2 (80) ;() ; ; Uppercase ? :No ; Name of the lane configuration Notes Local
2	CONFIG_DESC	Local - Description of the lane configuration. Optional ? :No ; Varchar2 (255) ;() ; ; Uppercase ? :No ; Description of the lane configuration. Notes Local
3	DB_CODE	Local - Unique identifier for the database. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ; Unique identifier for the database. Notes Local

Table Name : STORED_MESSAGE Alias : SM
 Display Title : Stored Message

Object Type:

Comment :

Description : Message text associated with each DMS or HAR stored message.

Volumes

Start Rows : 10000 End Rows : 10000

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	MSG_ID	NOT NULL	CHAR (32)
20	ML_ML_ID	NOT NULL	CHAR (32)
30	HM_HAR_MSG_PK	NULL	NUMBER (10, 0)
80	MSG_TYPE_CODE	NOT NULL	NUMBER (3, 0)
90	CATEGORY	NULL	VARCHAR2 (32)
100	DB_CODE	NULL	VARCHAR2 (1)
110	IS_MESSAGE_TEXT_MULTI	NULL	NUMBER (1, 0)
120	MESSAGE_BEACON	NULL	NUMBER (1, 0)
130	LAST_MODIFIED_BY	NULL	VARCHAR2 (32)
140	MSG_DESCRIPTION	NULL	VARCHAR2 (255)
150	MESSAGE_TEXT	NULL	VARCHAR2 (1024)

Primary Key

Name	Column
STORED_MESSAGE_PK	MSG_ID

Foreign Keys

SM_HM_FK

HM_HAR_MSG_PK references HAR_MSG.HAR_MSG_PK
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? No Delete Rule : Cascades

SM_ML_FK

ML_ML_ID references MESSAGE_LIBRARY.ML_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Table Name : STORED_MESSAGE Alias : SM
 Display Title : Stored Message
 Object Type:
 Comment :

Check Constraints

Name	Where Validate Clause
MESSAGE_BEACON_CK	message_beacon in (0,1)
MSG_TYPE_CODE_CK	msg_type_code in (0,1)

Index Summary

Name	Seq.	Column	Index Type
SM_HM_FK_I	1	HM_HAR_MSG_PK	NOT UNIQUE
SM_ML_FK_I	1	ML_ML_ID	NOT UNIQUE

Column Detail

10 MSG_ID
 Local - Unique internal hex key identifier for the Stored Message table.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 The unique internal identifier for the Stored Message.
 Notes Local

20 ML_ML_ID
 Local - The unique internal identifier for the Message Library.
 Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
 CORBA hex key. The unique internal identifier for the Message Library used by application server.
 Notes Local

30 HM_HAR_MSG_PK
 Local - Unique identifier for the HAR_MSG table.
 Optional ? :Yes ; Number (10, 0) ;() ; Uppercase ? :No ;
 Oracle primary key for the HAR_MSG table. One up sequence number.
 Notes Local

80 MSG_TYPE_CODE
 Local - Code for message type.
 Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE_CODE ; Uppercase ? :No ;
 Type of stored message: DMS or HAR.
 Notes Local

90 CATEGORY
 Local - Category of message.
 Optional ? :Yes ; Varchar2 (32) ;() ; Uppercase ? :No ;
 Category of message.

Table Name : STORED_MESSAGE Alias : SM
 Display Title : Stored Message
 Object Type:
 Comment :

Column Detail

<u>Notes</u>	Local
--------------	-------

100 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.

<u>Notes</u>	Local
--------------	-------

110 IS_MESSAGE_TEXT_MULTI
 Local - Indicates if the message_text attribute is stored with multi tags imbedded.
 Optional ? :Yes ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Indicates if the message_text attribute is stored with multi tags imbedded.

<u>Notes</u>	Local
--------------	-------

120 MESSAGE_BEACON
 NTCIP 2.6.1.1.8.6 - Indicates if connected beacon(s) are to be activated when the associated message is displayed.
 Optional ? :Yes ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Indicates if connected beacon(s) are to be activated when the associated message is displayed. Zero (0) = Beacon(s) are Disabled ; one (1) = Beacon(s) are Enabled.

<u>Notes</u>	NTCIP 2.6.1.1.8.6 dmsMessageBeacon.
--------------	-------------------------------------

130 LAST_MODIFIED_BY
 Local - User who last changed the content of this message.
 Optional ? :Yes ; Varchar2 (32) ;() ; ; Uppercase ? :No ;
 User who last changed the content of this message.

<u>Notes</u>	Local
--------------	-------

140 MSG_DESCRIPTION
 Local - Description of the stored message.
 Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
 Description of the stored message.

<u>Notes</u>	Local
--------------	-------

150 MESSAGE_TEXT
 NTCIP 2.6.1.1.8.3 - Contains the message written in MULTI-language.
 Optional ? :Yes ; Varchar2 (1024) ;() ; ; Uppercase ? :No ;
 Contains the message written in MULTI-language.

<u>Notes</u>	NTCIP 2.6.1.1.8.3 dmsMessageMultiString
--------------	---

Table Name : SYSTEM_PROFILE Alias : SP
 Display Title : System Profile

Object Type:

Comment :

Description : Contains the system profile properties for a CHART II server.

Volumes

Start Rows : 1000 End Rows : 1000

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	KEY	NOT NULL	VARCHAR2 (128)
2	VALUE	NOT NULL	VARCHAR2 (128)
3	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

Name Column

SP_PK KEY

Column Detail

1 KEY
 Local - Specifies the name of the profile property.

Optional ? :No ; Varchar2 (128) ;() ; Uppercase ? :No ;
 Specifies the name of the profile property.

Notes Local

2 VALUE
 Local - Specifies the setting for the property.
 Optional ? :No ; Varchar2 (128) ;() ; Uppercase ? :No ;
 Specifies the setting for the property.

Notes Local

3 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
 Unique identifier for the database.

Notes Local

Table Name : TSS

Alias : TSS

Display Title : Tss

Object Type:

Comment :

Description : Configuration information relative to a traffic sensor systems (TSS) including location and communications information.

Volumes

Start Rows : 150

End Rows : 150

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	DEVICE_ID	NOT NULL	VARCHAR2 (32)
20	TSS_MODEL_ID	NOT NULL	NUMBER (5, 0)
40	ORG_ORGANIZATION_ID	NOT NULL	CHAR (32)
50	DB_CODE	NULL	VARCHAR2 (1)
60	DEVICE_NAME	NOT NULL	VARCHAR2 (15)
70	DEVICE_LOCATION	NOT NULL	VARCHAR2 (60)
80	DROP_ADDRESS	NOT NULL	NUMBER (5, 0)
90	INITIAL_RESPONSE_TIMEOUT	NOT NULL	NUMBER (10, 0)
100	DEFAULT_PHONE_NUMBER	NULL	VARCHAR2 (25)
110	POLL_INTERVAL_SECS	NOT NULL	NUMBER (5, 0)
115	PORT_TYPE	NOT NULL	NUMBER (1, 0)
117	PORT_MANAGER_TIMEOUT	NOT NULL	NUMBER (10, 0)
118	BAUD_RATE	NOT NULL	NUMBER (6, 0)
120	DATA_BITS	NOT NULL	NUMBER (1, 0)
130	FLOW_CONTROL	NOT NULL	NUMBER (1, 0)
140	PARITY	NOT NULL	NUMBER (1, 0)
180	STOP_BITS	NOT NULL	NUMBER (1, 0)
190	ENABLE_DEVICE_LOG	NOT NULL	NUMBER (1, 0)
200	CREATED_TIMESTAMP	NULL	DATE
210	UPDATED_TIMESTAMP	NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
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TSS_PK DEVICE_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
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TSS_DEVICE_NAME_UK DEVICE_NAME

Table Name : TSS Alias : TSS
 Display Title : Tss
 Object Type:
 Comment :

Check Constraints

Name	Where Validate Clause
TSS_BAUD_RATE_CK	baud_rate in (100,300,1200,2400,4800,9600,19200,38400,57600,15200)
TSS_DATA_BITS_CK	data_bits between 0 and 3
TSS_DROP_ADDRESS_CK	drop_address between 0 and 65535
TSS_ENABLE_DEVICE_LOG_CK	enable_device_log in (0,1)
TSS_FLOW_CONTROL_CK	flow_control between 0 and 2
TSS_INITIAL_RESPONSE_TIMEOUT_CK	initial_response_timeout between 0 and 2147483647
TSS_MODEL_ID_CK	tss_model_id between 0 and 65535
TSS_PARITY_CK	parity between 0 and 4
TSS_POLL_INTERVAL_SECS_CK	poll_interval_secs between 0 and 86400
TSS_PORT_MANAGER_TIMEOUT_CK	port_manager_timeout between 0 and 2147483647
TSS_PORT_TYPE_CK	port_type between 0 and 3
TSS_STOP_BITS_CK	stop_bits between 0 and 2

Table Definition

Table Name : TSS Alias : TSS
 Display Title : Tss

Object Type:

Comment :

Column Detail

10 DEVICE_ID
 TMDD 3701 - A unique alphanumeric TSS device identifier.
 Optional ? :No ; Varchar2 (32) ;() ; ; Uppercase ? :No ;
 A unique alphanumeric TSS device identifier.
Notes TMDD 3701 DEVICE_Device_identifier

20 TSS_MODEL_ID
 Local - Indicates the TSS device model in numeric format.
 Optional ? :No ; Number (5, 0) ;() ; ; Uppercase ? :No ;
 Indicates the TSS device model in numeric format.
Notes Local

40 ORG_ORGANIZATION_ID
 TMDD 3343 - Unique identifier of organization. CORBA hex key.
 Optional ? :No ; Char (32) ;() ; ; Uppercase ? :No ;
 A unique identifier for an organization with a region. CORBA hex key.
Notes TMDD 3343 ORGANIZATION.CONTACT_Organization_identifier

50 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
Notes Local

60 DEVICE_NAME
 Local - Specifies the name of the Device.
 Optional ? :No ; Varchar2 (15) ;() ; ; Uppercase ? :No ;
 Specifies the name of the Device.
Notes Local

70 DEVICE_LOCATION
 Local - Specifies the location of the device.
 Optional ? :No ; Varchar2 (60) ;() ; ; Uppercase ? :No ;
 Specifies the location of the device.
Notes Local

80 DROP_ADDRESS
 Local - Used in the sign protocols to allow comms to be directed to the proper controller.
 Optional ? :No ; Number (5, 0) ;() ; ; Uppercase ? :No ;
 Used in the sign protocols to allow comms to be directed to the proper controller.
Notes Local

Table Name : TSS Alias : TSS
 Display Title : Tss

Object Type:

Comment :

Column Detail

90 INITIAL_RESPONSE_TIMEOUT

Local - Used in the FMS code to determine how long to wait for a response from a command that has been sent to a device.

Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;

Used in the FMS code to determine how long to wait for a response from a command that has been sent to a device.

Notes Local

100 DEFAULT_PHONE_NUMBER

Local - Specifies the default phone number for connecting to the device.

Optional ? :Yes ; Varchar2 (25) ;() ; ; Uppercase ? :No ;

Specifies the default phone number for connecting to the device..

Notes Local

110 POLL_INTERVAL_SECS

Local - Number of seconds to skip between polls of this device.

Optional ? :No ; Number (5, 0) ;() ; ; Uppercase ? :No ;

Number of seconds to skip between polls of this device.

Notes Local

115 PORT_TYPE

Local - Specifies the type of port to use for this device.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Specifies the type of port to use for this device.

Notes Local

117 PORT_MANAGER_TIMEOUT

Local - Duration, specified in seconds, that the software will wait for a port to become available at each selected port manager.

Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;

Duration, specified in seconds, that the software will wait for a port to become available at each selected port manager.

Notes Local

118 BAUD_RATE

Local - Specifies the baud rate to use when connecting to a device.

Optional ? :No ; Number (6, 0) ;() ; ; Uppercase ? :No ;

Specifies the baud rate to use when connecting to a device.

Notes Local

120 DATA_BITS

Local - Specifies the number of databits to use when communicating over a direct or modem port.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Specifies the number of databits to use when communicating over a direct or

Table Name : TSS Alias : TSS
 Display Title : Tss

Object Type:

Comment :

Column Detail

modem port.

Notes Local

130 FLOW_CONTROL

Local - Specifies the flow control to use when communicating over a direct or modem port.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Specifies the flow control to use when communicating over a direct or modem port.

Notes Local

140 PARITY

Local - Specifies the parity to use when communicating over a direct or modem port.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Specifies the parity to use when communicating over a direct or modem port.

Notes Local

180 STOP_BITS

Local - Specifies the number of stop bits to use when communicating over a direct or modem port.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Specifies the number of stop bits to use when communicating over a direct or modem port.

Notes Local

190 ENABLE_DEVICE_LOG

Local - Indicates whether the device will log information to a flat file.

Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;

Indicates whether the device will log information to a flat file.

Notes Local

200 CREATED_TIMESTAMP

Local - Date the record was created.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;

Date the record was created.

Notes Local

210 UPDATED_TIMESTAMP

Local - Date the device_name column was updated.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;

Date the device_name column was updated.

Notes Local

Table Name : TSS_PHONE_NUMBER Alias : TSSPN
 Display Title : Tss Phone Number

Object Type:

Comment :

Description : Contains the phone numbers for each TSS.

Volumes

Start Rows : 1500 End Rows : 1500

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
6	TSS_DEVICE_ID	NOT NULL	VARCHAR2 (32)
7	PORT_MANAGER_NAME	NOT NULL	VARCHAR2 (30)
8	PHONE_NUMBER	NOT NULL	VARCHAR2 (25)
9	SORT_ORDER_NUMBER	NOT NULL	NUMBER (3, 0)
10	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
TSSPN_PK	TSS_DEVICE_ID
	PORT_MANAGER_NAME
	PHONE_NUMBER
	SORT_ORDER_NUMBER

Foreign Keys

TSSPN_TSS_FK

TSS_DEVICE_ID	references	TSS.DEVICE_ID
Transferable ?	Yes	Update Rule : Restricted
Mandatory ?	Yes	Delete Rule : Cascades

Table Definition

Table Name : TSS_PHONE_NUMBER Alias : TSSPN
 Display Title : Tss Phone Number

Object Type:

Comment :

Column Detail

6 TSS_DEVICE_ID
 TMDD 3701 - A unique alphanumeric TSS device identifier.

Optional ? :No ; Varchar2 (32) ;() ; ; Uppercase ? :No ;
 A unique alphanumeric TSS device identifier.

Notes TMDD 3701 DEVICE_Device_identifier

7 PORT_MANAGER_NAME
 Local - Specifies the name of the Port Manager.
 Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
 Specifies the name of the Port Manager.

Notes Local

8 PHONE_NUMBER
 Local - Specifies the phone number for connecting to the device.
 Optional ? :No ; Varchar2 (25) ;() ; ; Uppercase ? :No ;
 Specifies the phone number for connecting to the device.

Notes Local

9 SORT_ORDER_NUMBER
 Local - Specifies the ordering of port managers for a device.
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Specifies the ordering of port managers for a device.

Notes Local

10 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.

Notes Local

Table Name : TSS_STATUS Alias : TSSS
 Display Title : Tss Status

Object Type:

Comment :

Description : Contains TSS status information.

Volumes

Start Rows : 150 End Rows : 150

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
4	TSS_DEVICE_ID	NOT NULL	VARCHAR2 (32)
9	DEVICE_STATE_CODE	NOT NULL	NUMBER (3, 0)
10	COMM_STATUS	NOT NULL	NUMBER (1, 0)
15	LAST_CONTACT_TIME	NULL	DATE

Primary Key

Name	Column
TSSS_PK	TSS_DEVICE_ID

Foreign Keys

TSSS_TSS_FK

TSS_DEVICE_ID references TSS.DEVICE_ID	Transferable ? Yes	Update Rule : Restricted
	Mandatory ? Yes	Delete Rule : Cascades

Check Constraints

Name	Where Validate Clause
TSS_COMM_STATUS_CK	comm_status between 0 and 2
TSS_DEVICE_STATE_CODE_CK	device_state_code between 0 and 2

Table Name : TSS_STATUS Alias : TSSS
 Display Title : Tss Status

Object Type:

Comment :

Column Detail

4 TSS_DEVICE_ID
 TMDD 3701 - A unique alphanumeric TSS device identifier.

Optional ? :No ; Varchar2 (32) ;() ; ; Uppercase ? :No ;
 A unique alphanumeric TSS device identifier.

Notes TMDD 3701 DEVICE_Device_identifier

9 DEVICE_STATE_CODE
 Local - Indicates whether the device is online, offline, etc.
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Indicates whether the device is online, offline, etc.

Notes Local

10 COMM_STATUS
 Local - Specifies the status of comms.
 Optional ? :No ; Number (1, 0) ;() ; ; Uppercase ? :No ;
 Specifies the status of comms.

Notes Local

15 LAST_CONTACT_TIME
 Local - Specifies the time a device was last contacted.
 Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
 Specifies the time a device was last contacted.

Notes Local

Table Name : TSS_ZONE Alias : TSSZ
 Display Title : Tss Zone

Object Type:

Comment :

Description : Contains the zone numbers for a given zone group.

Volumes

Start Rows : 1500 End Rows : 1500

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
5	TSSZG_TSS_DEVICE_ID	NOT NULL	VARCHAR2 (32)
6	TSSZG_GROUP_NUMBER	NOT NULL	NUMBER (10, 0)
7	ZONE_NUMBER	NOT NULL	NUMBER (3, 0)
8	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

Name	Column
TSSZ_PK	TSSZG_TSS_DEVICE_ID TSSZG_GROUP_NUMBER ZONE_NUMBER

Foreign Keys

TSSZ_TSSZG_FK

TSSZG_GROUP_NUMBER references TSS_ZONE_GROUP.GROUP_NUMBER
 TSSZG_TSS_DEVICE_ID references TSS_ZONE_GROUP.TSS_DEVICE_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Cascades

Check Constraints

Name	Where Validate Clause
ZONE_NUMBER_CK	zone_number between 0 and 255

Table Name : TSS_ZONE Alias : TSSZ
 Display Title : Tss Zone

Object Type:
Comment :

Column Detail

5 TSSZG_TSS_DEVICE_ID
TMDD 3701 - A unique alphanumeric TSS device identifier.
Optional ? :No ; Varchar2 (32) ;() ; ; Uppercase ? :No ;
A unique alphanumeric TSS device identifier.
Notes TMDD 3701 DEVICE_Device_identifier

6 TSSZG_GROUP_NUMBER
Local - unique identifier for a TSS zone group.
Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
Unique identifier for a TSS zone group.
Notes Local

7 ZONE_NUMBER
NTCIP 3.2.5.1 - The sensor zone for objects in this row.
Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
The sensor zone for objects in this row.
Notes NTCIP 3.2.5.1 - sensorZoneNumber

8 DB_CODE
Local - Unique identifier for the database.
Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
Unique identifier for the database.
Notes Local

Table Name : TSS_ZONE_GROUP Alias : TSSZG
 Display Title : Tss Zone Group

Object Type:
 Comment :

Description : Contains logical grouping information for one or more detection zones of a Transportation Sensor System.

Volumes

Start Rows : 300 End Rows : 300

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
7	TSS_DEVICE_ID	NOT NULL	VARCHAR2 (32)
8	GROUP_NUMBER	NOT NULL	NUMBER (10)
11	DIRECTION_CODE	NOT NULL	NUMBER (3, 0)
16	DEFAULT_SPEED	NOT NULL	NUMBER (3, 0)
17	DB_CODE	NULL	VARCHAR2 (1)
22	DESCRIPTION	NOT NULL	VARCHAR2 (60)

Primary Key

<u>Name</u>	<u>Column</u>
TSSZG_PK	TSS_DEVICE_ID GROUP_NUMBER

Foreign Keys

TSSZG_TSS_FK

TSS_DEVICE_ID	references	TSS.DEVICE_ID
Transferable ?	Yes	Update Rule : Restricted
Mandatory ?	Yes	Delete Rule : Cascades

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
DEFAULT_SPEED_CK	default_speed between 0 and 2550
GROUP_NUMBER_CK	group_number between 0 and 2147483647
TSS_DIRECTION_CODE_CK	direction_code between 0 and 255

Table Name : TSS_ZONE_GROUP Alias : TSSZG
 Display Title : Tss Zone Group

Object Type:

Comment :

Column Detail

7 TSS_DEVICE_ID
 TMDD 3701 - A unique alphanumeric TSS device identifier.
 Optional ? :No ; Varchar2 (32) ;() ; ; Uppercase ? :No ;
 A unique alphanumeric TSS device identifier.
 Notes TMDD 3701 DEVICE_Device_identifier

8 GROUP_NUMBER
 Local - unique identifier for a TSS zone group.
 Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
 Unique identifier for a TSS zone group.
 Notes Local

11 DIRECTION_CODE
 TMDD 3220 - A code which identifies the direction of travel.
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Code for indicating direction of travel in lane for a given event.
 Notes TMDD 3220 EVENT_LanesDirectionOfTravel_code

16 DEFAULT_SPEED
 Local - Default speed for the zone group in miles per hour in tenths (thus 2550 is 255 miles per hour).
 Optional ? :No ; Number (3, 0) ;() ; ; Uppercase ? :No ;
 Default speed for the zone group in miles per hour in tenths (thus 2550 is 255 miles per hour).
 Notes Local

17 DB_CODE
 Local - Unique identifier for the database.
 Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 Unique identifier for the database.
 Notes Local

22 DESCRIPTION
 Local - Description of the zone group.
 Optional ? :No ; Varchar2 (60) ;() ; ; Uppercase ? :No ;
 Description of the zone group.
 Notes Local

Table Name : USER_ID Alias : USER_ID
 Display Title : User id

Object Type:
 Comment :

Description : Configuration data as it relates to each authorized CHART II user.

Volumes

Start Rows : 1500 End Rows : 1500

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	USER_NAME	NOT NULL	VARCHAR2 (32)
2	PASSWORD	NOT NULL	VARCHAR2 (32)
3	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
USER_ID_PK	USER_NAME

Column Detail

1 USER_NAME
 Local - Name by which the user is known to the CHART2 system.
 Optional ? :No ; Varchar2 (32) ;() ; ; Uppercase ? :No ;
 Name by which the user is known to the CHART2 system. The user may not change his/her id.

<u>Notes</u>	<u>Local</u>
2 PASSWORD Local - Password a user must provide in order to use the CHART2 system Optional ? :No ; Varchar2 (32) ;() ; ; Uppercase ? :No ; Password a user must provide in order to use the CHART2 system.	
<u>Notes</u>	<u>Local</u>
3 DB_CODE Local - Unique identifier for the database. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ; Unique identifier for the database.	
<u>Notes</u>	<u>Local</u>

Table Name : WEATHER

Alias : W
Display Title : Weather

Object Type:

Comment :

Description : Contains the weather conditions associated with a given event.

Volumes

Start Rows : 2000 End Rows : 2000

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	EVENT_EVENT_ID	NOT NULL	CHAR (32)
3	WEATHER_CODE	NOT NULL	NUMBER (3, 0)
4	CREATED_TIMESTAMP	NULL	DATE
5	DB_CODE	NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
W_PK	EVENT_EVENT_ID WEATHER_CODE

Foreign Keys

W_EVENT_FK

EVENT_EVENT_ID references EVENT.EVENT_ID
Transferable ? Yes Update Rule : Restricted
Mandatory ? Yes Delete Rule : Cascades**Check Constraints**

<u>Name</u>	<u>Where Validate Clause</u>
WEATHER_CODE_CK	weather_code between 0 and 255

Table Name : WEATHER

Alias : W
Display Title : Weather

Object Type:

Comment :

Column Detail

1 EVENT_EVENT_ID

TMDD 3215 - A unique alphanumeric identifier created by a TMC.

Optional ? :No ; Char (32) ;() ; Domain :HEX_KEY ; Uppercase ? :No ;
A unique alphanumeric identifier created by a TMC which corresponds to a roadway event.

Notes TMDD 3215 EVENT_Identifier_identifier

3 WEATHER_CODE

TMDD 3299 - A code which describes the weather conditions.

Optional ? :No ; Number (3, 0) ;() ; Domain :TYPE_CODE ; Uppercase ? :No ;
A code which describes the weather conditions at the time of an incident.

Notes TMDD 3299 EVENT_IncidentConditionWeather_code

4 CREATED_TIMESTAMP

Local - Date the record was created.

Optional ? :Yes ; Date ;() ; Uppercase ? :No ;
Date the record was created.

Notes Local

5 DB_CODE

Local - Unique identifier for the database.

Optional ? :Yes ; Varchar2 (1) ;() ; Uppercase ? :No ;
Unique identifier for the database.

Notes Local

View Name : USER_ID_V Alias : USER_ID_
 V
Object Type: Display Title :
Comment :

Description : This view is visible to the report user instead of the user_id table
in order to hide the passwords in the user_id table.

Designer/2000

TABLE DEFINITION

End of Report